

MASTER INDEX

A

A error

macro definition
summary

A register

a symbol

A/D converter
AD01-D
AFC11
device-specific QIO
FORTRAN interface
standard QIO
status return

AAll-K

AAV11-K

\$AB
predefined syntax element in
MML

/AB switch
ZAP utility

/ABAUD keyword
SET command
VMR

Abbreviation
command
DCL
EDT line editing command

ABO command

ABODF\$

Abort
task execution
TKB
during input

ABORT command

command line format
error message
example
IOX
keyword
/PMD
/TERM
Shadow Recording

ABORT option

Abort Task directive

Aborting
command
task

ABRT\$

ABS symbolic argument

Absolute
address

PDP-11 MACRO-11 3-10, 3-13, 3-16,
5-10, 6-25 to 6-26, 6-28 to
6-29, 6-32 to 6-33, 6-38,
6-40, 6-42, 6-44, 6-47, 6-51,
6-56, 7-12 to 7-14, 7-19

PDP-11 MACRO-11 7-2

PDP-11 MACRO-11 D-1 to D-3

ODT 2-6, 5-3

ODT 2-1 to 2-2

I/O Drivers 14-1

I/O Drivers 14-1

I/O Drivers 14-1

I/O Drivers 14-2 to 14-3

I/O Drivers 14-3 to 14-7

I/O Drivers 14-2

I/O Drivers 14-8 to 14-9

I/O Drivers 22-2

I/O Drivers 22-2

System Management 12-45

Utilities 15-2

MCR Operations 3-174

System Management 10-46

Introduction 1-12, 2-4

Command Language 1-7 to 1-8, 9-1

EDT Editor 7-1

MCR Operations 3-3

Crash Dump Analyzer C-3

Writing I/O Driver A-3

ODT 1-5

Task Builder 11-4

ODT 1-5

Introduction 1-21, 4-15

Command Language 7-16 to 7-21,
9-2

MCR Operations 3-3

MCR Operations 3-3

MCR Operations 3-4

MCR Operations 3-4

System Management 4-23

MCR Operations 3-4

MCR Operations 3-4

System Management 18-7

Task Builder 11-4

Executive 5-8

Introduction 1-21

Introduction 4-15

Executive 5-8

PDP-11 MACRO-11 6-19, 6-42

ODT 2-2

MASTER INDEX

Absolute (Cont.)
 location
 Absolute address mode
 assembled from relative
 ABSOLUTE argument
 Absolute binary output,
 controlling
 Absolute expression
 Absolute program section

 See also .ASECT directive
 Absolute region
 See Region
 ABSPAT option
 /AC switch
 Acceptance routine
 Access

 See also Access mode
 See also Shared access
 block

 device
 disabling
 enabling
 direct
 modes
 random

 to indexed files
 requested
 See FAC field in FAB
 sequential

 to indexed files
 shared
 See also Access sharing
 See also SHR field in FAB
 stream
 Access code
 Access control
 Access declaration
 indexed files
 read-only
 read/write
 relative files
 sequential files
 /ACCESS keyword
 INI command
 Access mode
 See also Random access
 See also Sequential access
 and file organization
 block

 See also BKT field in RAB
 sequential
 VBN
 FIND operation
 indexed files
 relative files
 sequential files
 GET operation
 indexed files
 relative files
 sequential files

 ODT 2-5, 4-4
 PDP-11 MACRO-11 5-7
 PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 8-8

 PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 3-17
 PDP-11 MACRO-11 6-42, 6-44 to
 6-45

 Task Builder 11-5
 Task Builder 10-5
 Writing I/O Driver 1-13
 RMS-11 Introduction 1-1
 RMS-11 User's Guide 1-7

 RMS-11 Introduction 4-7
 RMS-11 User's Guide 1-20, 3-6

 System Management 15-18
 System Management 15-21
 RMS-11 Introduction 2-4
 RMS-11 Introduction 3-11
 RMS-11 Introduction 2-4
 RMS-11 User's Guide 1-7, 1-9
 RMS-11 User's Guide 5-7, 5-9

 RMS-11 Introduction 2-4 to 2-5
 RMS-11 User's Guide 1-7 to 1-8
 RMS-11 User's Guide 5-16
 RMS-11 Introduction 2-4, 4-3

 RMS-11 Introduction 4-3
 MCR Operations 2-3
 RMS-11 User's Guide 1-9
 RMS-11 User's Guide 2-6
 RMS-11 User's Guide 7-1
 RMS-11 User's Guide 2-6
 RMS-11 User's Guide 2-6
 RMS-11 User's Guide 4-6
 RMS-11 User's Guide 3-6

 MCR Operations 3-79
 RMS-11 Introduction 3-1, 3-11

 RMS-11 Introduction 3-13
 RMS-11 Introduction 3-11 to 3-12,
 3-14, 4-7
 RMS-11 User's Guide 1-20, 3-6

 RMS-11 Introduction 3-12
 RMS-11 Introduction 3-12

 RMS-11 User's Guide 7-3
 RMS-11 User's Guide 4-8
 RMS-11 User's Guide 3-7

 RMS-11 User's Guide 7-5
 RMS-11 User's Guide 4-10
 RMS-11 User's Guide 3-9

MASTER INDEX

Access mode (Cont.)

- PUT operation
 - indexed files
 - relative files
 - sequential files
- random
 - by key
 - by RFA
 - by VBN
 - to indexed files
 - to relative files
 - to sequential files
- record
 - RMS-11 User's Guide 7-6
 - RMS-11 User's Guide 4-11
 - RMS-11 User's Guide 3-10
- See also RAC field in RAB
- FIND operations
- GET operations
- key
- PUT operations
- RFA
- sequential
 - RMS-11 User's Guide 1-12
 - RMS-11 User's Guide 1-12
 - RMS-11 User's Guide 1-20
 - RMS-11 Introduction 3-15
 - RMS-11 Introduction 3-15
 - RMS-11 Introduction 3-14
 - RMS-11 Introduction 3-11, 3-13, 4-5
 - RMS-11 User's Guide 1-12
- switching
 - RMS-11 Introduction 4-6
 - RMS-11 Introduction 4-6
 - RMS-11 Introduction 3-12
 - RMS-11 Introduction 4-6
 - RMS-11 Introduction 3-11
 - RMS-11 Introduction 3-11
- Access path
 - RMS-11 User's Guide 1-20
 - RMS-11 User's Guide 1-12
 - RMS-11 Introduction 3-14
 - RMS-11 Introduction 3-14
 - RMS-11 Introduction 3-14
 - RMS-11 Introduction 3-13
- switching between
- Access sharing
 - Writing I/O Driver 1-11
 - RMS-11 Introduction 2-4, 4-3
- See also Shared access
- read
 - RMS-11 Introduction 3-5 to 3-6
 - RMS-11 Introduction 3-6
- write
 - RMS-11 User's Guide 1-15
 - RMS-11 User's Guide 2-17
 - RMS-11 User's Guide 2-9 to 2-10
 - RMS-11 User's Guide 7-10
 - RMS-11 User's Guide 4-15
 - RMS-11 User's Guide 3-15
- Access stream
 - Task Builder 2-4 to 2-5
 - Task Builder 10-36
 - MCR Operations 4-12
 - Introduction 1-13, Gloss-1
- multiple
 - System Management 2-3
 - System Management 2-1
 - System Management 2-7
 - System Management 2-3
 - System Management 2-4
 - System Management 2-6
 - System Management 2-5
- and shared access
- indexed files
- relative files
- sequential files
- Access-code
 - System Management 2-3
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Generation 4-5
 - System Generation 5-28
 - System Management 2-2
 - System Management 2-8
- grouping program section by
- <ACCOUN> symbol
- Account
 - System Management 2-3
 - System Management 2-1
 - System Management 2-7
 - System Management 2-3
 - System Management 2-4
 - System Management 2-6
 - System Management 2-5
- Account entry
 - System Management 2-3
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Generation 4-5
 - System Generation 5-28
 - System Management 2-2
 - System Management 2-8
- adding to account file
- contents
- deleting
- entering information in
- examining
- listing
- modifying
- Account file
 - System Management 2-3
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Generation 4-5
 - System Generation 5-28
 - System Management 2-2
 - System Management 2-8
- adding entry to
- copying
- creating
- extending
- maximum number of entries
- on distribution kit
- on pregenerated kit
- protection
- sorting
- Account File Maintenance Program
 - System Management 2-3
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Generation 4-5
 - System Generation 5-28
 - System Management 2-2
 - System Management 2-8
- See ACNT
- Accounting
 - System Management 2-3
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Generation 4-5
 - System Generation 5-28
 - System Management 2-2
 - System Management 2-8
- SYSGEN question
 - System Management 2-3
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Management 2-2
 - System Generation 4-5
 - System Generation 5-28
 - System Management 2-2
 - System Management 2-8

System Generation 3-25

MASTER INDEX

Accounting block offsets
Accumulation fields
 See also ACNDFS\$
\$ACHCK routine
\$ACHKB routine
ACNDFS\$

ACNT

 account file
 copying
 extending
 changing password
 copying account file
 ESCAPE key
 example
 invoking
 option
 Add
 Create
 Delete
 Examine
 Exit
 List
 Modify
 Sort
 protection
 restoring

ACP

 default
 definition
 foreign
 passing parameter
 QIO interface
 specifying
 specifying APR
 specifying task as
ACP function mask
/ACP keyword
MOUNT command

Acronym

ACS command
 command line format
 error message
 example
 keyword
 /BLKS

ACSUB

/ACT

ACT command

 MCR

ACTDFS\$

ACTFIL command

ACTFIL option

Action routine

ACTION statement

ACTIVE command

 command line format

 example

 keyword

 /ALL

 /TERM

Active job

 definition

Writing I/O Driver A-4
Writing I/O Driver A-4

Writing I/O Driver 7-7

Writing I/O Driver 7-7

Crash Dump Analyzer C-4

Writing I/O Driver A-4 to A-9

Command Language 3-4, 4-2, 5-8,
 5-72

MCR Operations 2-24

System Management 2-2

System Management 2-2

System Management 2-2

System Management 2-2

System Management 2-3

MCR Operations 2-25

System Management 2-1

System Management 2-3

System Management 2-2

System Management 2-7

System Management 2-4

System Management 2-8

System Management 2-6

System Management 2-5

System Management 2-8

System Management 2-2

Command Language 5-26, 5-28 to
 5-42, 6-67

System Generation C-5

MCR Operations 3-117

System Generation 1-10

MCR Operations 3-126

I/O Drivers C-1

MCR Operations 3-121

Task Builder 10-5

Task Builder 10-5

Writing I/O Driver 4-19 to 4-20

MCR Operations 3-121

Introduction Gloss-1

MCR Operations 3-8

MCR Operations 3-8

MCR Operations 3-9

MCR Operations 3-9

MCR Operations 3-8

System Management 17-18

Crash Dump Analyzer 2-1

MCR Operations 3-11

Command Language 3-2

Writing I/O Driver A-10

I/O Operations 2-41

Task Builder 11-6

I/O Operations 7-6

Error Logging 5-30

MCR Operations 3-11

MCR Operations 3-11

MCR Operations 3-11

MCR Operations 3-11

MCR Operations 3-11

Batch and Queue Gloss-1

MASTER INDEX

Active Page Register

See APR

Active task

AST queue

attribute bits

blocking bits

MCR

offspring control block

receive by reference queue

receive queue

state bits

Active task dump

AST queue

offspring control block

receive by reference queue

receive queue

Active Task List

See ATL

ACTIVE TASK LIST command

Activity report

IOX

AD01-D

AD11-K

ADD & PRINT command

EDI editor

ADD command

EDI editor

Add option

ACNT

Adding commands

DCL

Addition operator

Address

See also RFA

assigning

concepts

CSR

boot device

specifying

changing

interrupt vector

changing

logical

mapped system

physical

mapped system

record

relocatable

space

virtual

virtual and logical

coincidence

space translation

transfer

vector

changing

virtual

mapped system

virtual and logical

relationship

Introduction 1-20 to 1-21, 4-13,

5-7, Gloss-2, Gloss-33

Command Language 7-1, 7-55 to

7-57

Crash Dump Analyzer 3-23

Crash Dump Analyzer 3-22

Crash Dump Analyzer 3-21

Crash Dump Analyzer 3-26

Crash Dump Analyzer 3-24

Crash Dump Analyzer 3-24

Crash Dump Analyzer 3-23

Crash Dump Analyzer 3-22

Crash Dump Analyzer 3-21

Crash Dump Analyzer 3-21

Crash Dump Analyzer 3-21

Crash Dump Analyzer 3-21

Crash Dump Analyzer 3-21

MCR Operations 3-19

System Management 4-19 to 4-21,

4-41

I/O Drivers 14-1

I/O Drivers 22-2

Utilities 2-12, 2-28

Utilities 2-11, 2-27

System Management 2-3 to 2-4

System Management 12-9 to 12-11

PDP-11 MACRO-11 3-2, 3-5

Task Builder 2-1

Task Builder 2-13

MCR Operations 3-163

System Management 10-12, 15-24

System Management 15-24

Task Builder 2-14

Task Builder 2-18

Task Builder 2-13

Task Builder 2-17

RMS-11 User's Guide 1-9

Introduction 4-6, 4-9, Gloss-28

Task Builder 2-14

Task Builder 2-14

Task Builder 2-15

Task Builder 2-23

Task Builder A-5

System Management 10-12

Task Builder 2-13

Task Builder 2-17 to 2-18

Task Builder 2-17, 2-21

MASTER INDEX

Address (Cont.)

- virtual space
 - co-tree and main tree
 - disk-resident overlay
 - division
 - division by memory management
 - in overlay tree
 - memory-resident overlay
 - overlaid task
 - overlay
 - reducing usage of
- virtual space allocation
 - diagram
 - creating ODL file
- virtual space and memory
 - overlaid task
- Address boundary
 - See ZAP utility
- Address doubleword
- Address expression
 - See Expression
- Address mapping
- Address mode
 - absolute
 - autodecrement
 - autodecrement deferred
 - autoincrement
 - autoincrement deferred
 - immediate
 - index
 - index deferred
 - register
 - register deferred
 - relative
 - relative deferred
 - summary
- Address space
 - logical
 - MSCP disks
 - relevant to RCT
 - physical
 - virtual
- Address window
 - virtual
- Addressing
 - PDP-11
- /ADV
- ADV command
- ADVll-K
- Advance driver feature
- ADVANCE function
- /AF job switch
 - QUE /MOD command
 - SUB command
- /AF switch
 - PRI command
- AFC11
- /AFF keyword
 - INSTALL command
 - VMR
 - OPEN command
 - SET command
 - VMR
- Affinity
 - removing
 - setting

- Task Builder 3-40
- Task Builder 3-1 to 3-4
- Task Builder 2-18
- Task Builder 2-18
- Task Builder 3-24
- Task Builder 3-6
- Task Builder 3-10, 3-14
- Task Builder 3-5, 3-33 to 3-35
- Task Builder 3-1

Task Builder 3-36

Task Builder 3-11 to 3-14

Writing I/O Driver 7-1 to 7-2

- Executive 3-2
- PDP-11 MACRO-11 5-1 to 5-10
- PDP-11 MACRO-11 5-7
- PDP-11 MACRO-11 5-5
- PDP-11 MACRO-11 5-5
- PDP-11 MACRO-11 5-3
- PDP-11 MACRO-11 5-4
- PDP-11 MACRO-11 5-6 to 5-7
- PDP-11 MACRO-11 5-5
- PDP-11 MACRO-11 5-6
- PDP-11 MACRO-11 5-2
- PDP-11 MACRO-11 5-3
- PDP-11 MACRO-11 5-8
- PDP-11 MACRO-11 5-9
- PDP-11 MACRO-11 B-2

Executive 3-2, 3-4

System Management 5-2

Executive 3-2

Executive 3-2, 3-4

- Executive 3-3
- Introduction 5-3, Gloss-3
- Executive 3-1
- Crash Dump Analyzer 2-1
- EDT Editor 2-43, 8-5
- I/O Drivers 22-2
- Writing I/O Driver 1-16, 2-4
- EDT Editor 2-8, 5-15

Batch and Queue 2-20

Batch and Queue 3-15

Batch and Queue 2-6

I/O Drivers 14-1

MCR Operations 3-96

System Management 10-21

MCR Operations 3-139

System Management 10-46

Executive 5-128

Executive 5-128

Executive 5-193

MASTER INDEX

/AFTER job qualifier	Batch and Queue 2-20
SET QUEUE command	
/AFTER qualifier	Batch and Queue 2-6
PRINT command	Batch and Queue 3-15
SUBMIT command	RMS-11 Macros 2-12
AID field in ALL block	RMS-11 Macros 5-3
CLOSE operation	RMS-11 Macros 5-9, 5-16
CREATE operation	RMS-11 Macros 5-30
DISPLAY operation	RMS-11 Macros 5-35
ENTER operation	RMS-11 Macros 5-40
ERASE operation	RMS-11 Macros 5-46 to 5-47
EXTEND operation	RMS-11 Macros 6-2
offset	RMS-11 Macros 5-73
OPEN operation	RMS-11 Macros 5-86
PARSE operation	RMS-11 Macros 5-102
REMOVE operation	RMS-11 Macros 5-108
RENAME operation	RMS-11 Macros 5-116
SEARCH operation	RMS-11 Macros 6-3
summary	Task Builder 10-6
/AL switch	
Alarm	
sanity timer	
enabling	System Management 15-24
ALARM option	
SET command	
CON	System Management 15-24
\$ALBLK (Allocate block)	System Library 8-9
\$\$ALER	
reserved PSECT name	Task Builder E-2
ALERR module	Task Builder 5-53
\$ALF	
predefined syntax element in	
MML	System Management 12-40
\$ALFN	
predefined syntax element in	
MML	System Management 12-40
Alignment	
See also ALN field in ALL block	
RMSDEF utility	RMS-11 Utilities A-14
\$ALL	
predefined syntax element in	
MML	System Management 12-43
/ALL	Crash Dump Analyzer 2-1
ALL	
range specification	EDT Editor 6-11
ALL block	RMS-11 Introduction 4-8
chaining to FAB	RMS-11 Macros 2-12
declaring	RMS-11 Macros 2-8
initializing	RMS-11 Macros 2-9
summary	RMS-11 Macros 6-2
ALL command	MCR Operations 3-12
/ALL keyword	
ACTIVE command	MCR Operations 3-11
ALL keyword	
DISPLAY command	
CON	System Management 15-10
OFFLINE command	System Management 15-19
CON	
ONLINE command	System Management 15-21
CON	
/ALLOC keyword	
UFD command	MCR Operations 3-227
ALLOCATE CHECKPOINT SPACE command	MCR Operations 3-8

MASTER INDEX

ALLOCATE command
 command line format
 error message
 example
 keyword
 /TERM
 /TYPE
 Allocate Device Transaction Block
 /ALLOCATE switch
 BAD utility
 ALLOCATION
 RMSDES utility
 area section
 file section
 Allocation
 See also ALQ field in ALL block
 See also ALQ field in FAB
 generic
 indexed files
 DEQ
 initial
 relative files
 DEQ
 initial
 RMSDEF utility
 data
 file
 RMSDES utility
 areas
 RMSDSP utility
 displaying
 sequential files
 DEQ
 initial
 XAB
 See ALL block
 Allocation failure
 pool
 Allocation-code
 ALN field in ALL block
 CREATE operation
 DISPLAY operation
 EXTEND operation
 offset
 OPEN operation
 RSTS/E
 summary
 \$ALOCB routine
 <ALPHAN> symbol
 ALQ field in ALL block
 CREATE operation
 DISPLAY operation
 EXTEND operation
 offset
 OPEN operation
 RSTS/E
 summary
 ALQ field in FAB
 CREATE operation
 EXTEND operation
 offset
 OPEN operation
 summary
 Introduction 3-12
 Command Language 5-4, 5-9, 5-22
 to 5-24, 9-2
 MCR Operations 3-12
 MCR Operations 3-12
 MCR Operations 3-13
 MCR Operations 3-13
 MCR Operations 3-12
 MCR Operations 3-12
 System Management 17-29
 Utilities 6-5
 RMS-11 Utilities 2-44
 RMS-11 Utilities 2-31
 RMS-11 User's Guide 1-19
 MCR Operations 3-12
 RMS-11 User's Guide 6-22
 RMS-11 User's Guide 6-26
 RMS-11 User's Guide 6-22
 RMS-11 User's Guide 4-3
 RMS-11 User's Guide 4-4
 RMS-11 User's Guide 4-3
 RMS-11 Utilities A-16
 RMS-11 Utilities A-14
 RMS-11 Utilities 2-10, 2-25
 RMS-11 Utilities 5-4
 RMS-11 User's Guide 3-4
 RMS-11 User's Guide 3-4
 RMS-11 User's Guide 3-4
 System Management 13-2
 Task Builder 2-4 to 2-5
 RMS-11 Macros 5-17
 RMS-11 Macros 5-30
 RMS-11 Macros 5-47
 RMS-11 Macros 6-2
 RMS-11 Macros 5-79
 RMS-11 Macros D-4
 RMS-11 Macros 6-4
 Writing I/O Driver 7-8
 MCR Operations 4-8
 RMS-11 Macros 5-16, 5-21
 RMS-11 Macros 5-30
 RMS-11 Macros 5-47
 RMS-11 Macros 6-2
 RMS-11 Macros 5-79
 RMS-11 Macros D-4
 RMS-11 Macros 6-5
 RMS-11 Macros 5-16, 5-21
 RMS-11 Macros 5-46 to 5-47
 RMS-11 Macros 6-22
 RMS-11 Macros 5-78
 RMS-11 Macros 6-25

MASTER INDEX

ALQ0 field in ALL block
offset
ALQ1 field in ALL block
offset
ALSCT FORTRAN subroutine
\$ALSVB (Allocate small virtual
block)
ALT command
ALT MODE key
ALTER command
command line format
example
keyword
/PRI
/RPRI
/TERM
VMR
Alter Priority directive
Altering
contents of location
Alternate CLI
SYSGEN question
Alternate index
See also Index
RMSIFL utility
Alternate key

RMSDEF utility
defining
RMSIFL utility
allocating file space
sorting
Alternate key files (RMSIFL)
device allocation
<ALTMOD> symbol
ALTP\$
ALUN\$
\$\$ALVC
PSECT
reserved PSECT name
\$\$ALVD
PSECT
reserved PSECT name
\$\$ALVI
PSECT
reserved PSECT name
\$ALVRT (Allocate virtual
memory)
AM11-K
AMA symbolic argument
American National Standards
Institute
See ANSI
Analog-to-digital converter
See A/D converter
Analysis routines switch
Ancillary Control Processor
See ACP
AND
range specification
AND macro
MML
Angle bracket
ANSI
file specification

RMS-11 Macros 6-2

RMS-11 Macros 6-2

Task Builder 5-56 to 5-58

System Library 8-18
MCR Operations 3-15
Command Language 3-12
MCR Operations 3-15
MCR Operations 3-15
MCR Operations 3-15

MCR Operations 3-15
MCR Operations 3-15
MCR Operations 3-15
System Management 10-8
Executive 5-10

ODT 4-1
System Management 12-2
System Generation 3-26

RMS-11 Utilities 3-11 to 3-12
RMS-11 Introduction 3-7
RMS-11 User's Guide 1-7, 1-11

RMS-11 Utilities A-11

RMS-11 Utilities 3-13
RMS-11 Utilities 3-11

RMS-11 Utilities 3-7
MCR Operations 4-8
Executive 5-10
Executive 5-12

Task Builder 7-11
Task Builder E-2

Task Builder 7-11
Task Builder E-2

Task Builder 7-11
Task Builder E-2

System Library 8-16
I/O Drivers 22-2
PDP-11 MACRO-11 6-19

Crash Dump Analyzer 2-3

EDT Editor 6-11

System Management 12-25 to 12-26
Command Language 3-15

MASTER INDEX

ANSI

- file specification (Cont.)
 - quotation marks in
- ANSI file name
 - DCL
 - block format
- ANSI magtape
 - creating volume
 - end-of-tape
 - end-of-volume label
 - file header block
 - file header format
 - file header labels
 - file name conversion
 - file structure
 - file trailer labels
 - FNB offset definitions
 - opening file by file ID
 - override block size
 - rewinding file
 - RMSBCK utility
 - RMSDSP utility
 - set default block size
 - user file labels
 - user volume labels
 - volume label format
- ANSI magtape file name
 - conversion to RADIX-50
 - dataset descriptor
 - .FIND operation on
 - .PARSE
 - restriction on NMBLK\$
- ANSLIB.OLB (ANSI Magnetic Tape library)
 - AOP field in ALL block
 - CREATE operation
 - DISPLAY operation
 - EXTEND operation
 - offset
 - OPEN operation
 - RSTS/E
 - summary
 - XB\$CTG mask
 - XB\$HRD mask
- AP command
 - EDI editor
- /AP switch
 - PIP utility
 - RMSCNV utility
- Apostrophe (') operator
- APPEND command
 - APPEND function
 - /APPEND qualifier
 - BRU utility
 - /APPEND switch
 - DSC utility
 - Append switch
 - Delete subswitch

MCR Operations 1-2

- Command Language 1-10
- I/O Operations B-5
- I/O Operations 5-4, G-1, G-10
- Command Language 5-12
- RMS-11 Macros 3-2, 5-20, 5-37, 5-43, 5-77, 5-88, 5-104, 5-111, 5-118
- I/O Operations G-11
- I/O Operations G-9
- I/O Operations G-7
- I/O Operations G-9
- I/O Operations G-5 to G-6
- I/O Operations G-3 to G-4
- I/O Operations G-6
- I/O Operations G-8
- I/O Operations G-7
- I/O Operations B-4
- I/O Operations 3-14
- I/O Operations 2-18
- I/O Operations 4-18
- RMS-11 Utilities 6-1, 6-8
- RMS-11 Utilities 5-3
- I/O Operations G-10
- I/O Operations G-8
- I/O Operations G-3
- I/O Operations G-1 to G-4
- I/O Operations 6-13
- I/O Operations 4-15
- I/O Operations 2-29
- I/O Operations 4-15
- I/O Operations 4-8
- I/O Operations 2-33

Program Development 1-11

- RMS-11 Macros 5-17 to 5-18
- RMS-11 Macros 5-30
- RMS-11 Macros 5-47
- RMS-11 Macros 6-2
- RMS-11 Macros 5-79
- RMS-11 Macros D-4
- RMS-11 Macros 6-6
- RMS-11 Macros 6-7

Program Development 2-17

- Utilities 2-12, 2-28
- Error Logging 2-3, 2-8
- Utilities 3-14
- RMS-11 Utilities 4-5, 4-7, 4-13, 4-15
- ODT 2-7, 4-6
- EDT Editor 8-5
- Command Language 4-61 to 4-63, 9-2
- EDT Editor 5-38 to 5-40
- Utilities 7-12
- Utilities 8-9
- Error Logging 2-3, 2-8
- Error Logging 2-3, 2-8

MASTER INDEX

Area (Cont.)
 single-area indexed files
 Area information (RMSDSP)
 displaying
 Area number (RMSDEF)
 Argument
 macro call
 macro definition
 dummy
 passing in macro definition
 register
 separator
 Arithmetic element
 extended
 specifying
 Arithmetic operator
 See Operator
 Array declaration
 mapped
 Arrow key
 See also Cursor-control key
 /AS switch
 DMP utility
 ASC command
 ASCII
 displaying
 operator
 ASCII character
 ASCII character set
 ASCII conversion
 See ASCII number conversion
 ASCII conversion characters
 .ASCII directive
 ASCII number conversion
 ASCII to Radix-50 (\$CAT5)
 ASCII with blanks to Radix-50 (\$CAT5B)
 decimal to binary (\$CDTB)
 decimal to binary double-word (.DD2CT)
 octal to binary (\$COTB)
 octal to binary double-word (.OD2CT)
 ASCII stream file
 RMSCNV utility
 RMSIFL utility
 .ASCIZ directive
 .ASCPP
 .ASECT directive
 ASG directive
 task builder
 ASG option
 .ASK directive
 example
 format
 .ASKN directive
 example
 format
 .ASKS directive
 example
 format
 .ASLUN
 ASN command
 VMR
 ASR-33
 ASR-35
 RMS-11 User's Guide 6-11
 RMS-11 Utilities 5-4
 RMS-11 Utilities A-16
 PDP-11 MACRO-11 7-4 to 7-5
 PDP-11 MACRO-11 7-4 to 7-6
 PDP-11 MACRO-11 7-2
 PDP-11 MACRO-11 7-7
 ODT 2-6, 5-3
 ODT 2-5
 Task Builder 10-16
 Task Builder A-10
 EDT Editor 2-10, 5-13
 Utilities 11-3
 EDT Editor 8-5
 Introduction 4-4, 4-6, 4-8,
 Gloss-3
 ODT 4-6
 ODT 2-7
 EDT Editor 5-20, 8-5, B-1
 PDP-11 MACRO-11 A-1 to A-3
 PDP-11 MACRO-11 6-25 to 6-26
 PDP-11 MACRO-11 6-26 to 6-28
 System Library 4-6
 System Library 4-8
 System Library 4-4
 System Library 4-1
 System Library 4-5
 System Library 4-2
 RMS-11 Utilities 4-3, 4-8
 RMS-11 Utilities 3-1
 PDP-11 MACRO-11 6-28
 I/O Operations 4-7
 PDP-11 MACRO-11 3-11, 6-46
 I/O Operations 6-13
 Task Builder 11-7
 MCR Operations 4-23
 MCR Operations 4-24
 MCR Operations 4-23
 MCR Operations 4-24
 MCR Operations 4-26
 MCR Operations 4-24
 MCR Operations 4-26
 MCR Operations 4-27
 MCR Operations 4-27
 I/O Operations 4-12
 MCR Operations 3-16
 System Management 10-9
 I/O Drivers 2-3, 3-2
 I/O Drivers 2-3, 3-2

MASTER INDEX

Assemble
 Assembler
 See also MACRO-11 Assembly Language
 address mode summary
 character set
 coding standard
 directive summary
 directive, general
 summary table
 error
 See A error
 error code summary
 error message
 file specification
 switch
 listing symbols
 MACRO-11
 obsolete functions
 operating hints
 operating procedures
 pass 1
 pass 2
 position independent code
 special character summary
 statement format
 version number
 work file
 Assembly
 language
 See also MACRO-11
 listing
 examining at a terminal
 formatting
 generating
 page break
 printing
 spooling
 table of contents
 terminal format
 Assembly listings
 Executive
 SYSGEN question
 ASSIGN command

 command line format
 nonprivileged
 privileged
 error message
 example
 keyword
 /GBL
 /LOGIN
 /TERM
 VMR
 command line format
 example
 keyword
 /GBL
 Assign Logical Unit Number
 Assign LUN
 Assign LUN directive
 Assign table dump
 ASSIGN/LOGIN command

Command Language 6-1

PDP-11 MACRO-11 B-2
 PDP-11 MACRO-11 3-1 to 3-3
 PDP-11 MACRO-11 E-1 to E-16
 PDP-11 MACRO-11 B-3 to B-8
 PDP-11 MACRO-11 6-1 to 6-3
 PDP-11 MACRO-11 6-1 to 6-3

 PDP-11 MACRO-11 D-1 to D-5
 PDP-11 MACRO-11 8-19 to 8-21
 PDP-11 MACRO-11 8-3 to 8-5
 PDP-11 MACRO-11 8-6
 PDP-11 MACRO-11 4-1
 Command Language 6-2 to 6-11
 PDP-11 MACRO-11 I-1
 PDP-11 MACRO-11 F-1
 PDP-11 MACRO-11 8-1
 PDP-11 MACRO-11 1-1 to 1-2
 PDP-11 MACRO-11 1-2
 PDP-11 MACRO-11 G-1
 PDP-11 MACRO-11 B-1
 PDP-11 MACRO-11 2-1
 PDP-11 MACRO-11 6-4
 PDP-11 MACRO-11 F-1
 RMS-11 Macros 2-20
 Program Development 1-4 to 1-5

 Program Development 3-6
 Program Development 2-6
 Program Development 3-4 to 3-6
 Program Development 2-6
 Program Development 3-8 to 3-9
 Program Development 3-8 to 3-9
 Program Development 2-6
 Program Development 2-6

 System Generation 3-67
 Command Language 4-77 to 4-78,
 5-7 to 5-8, 5-13 to 5-15,
 5-72 to 5-73, 9-3
 MCR Operations 3-16

 MCR Operations 3-17
 MCR Operations 3-17
 MCR Operations 3-18
 MCR Operations 3-18

 MCR Operations 3-17
 MCR Operations 3-17
 MCR Operations 3-17
 System Management 10-9
 System Management 10-9
 System Management 10-10

 System Management 10-9
 I/O Operations 4-12

 Executive 5-12
 Crash Dump Analyzer 3-1, 3-17
 Command Language 5-8

MASTER INDEX

ASSIGN/QUEUE command
 DCL
 ASSIGN/REDIRECT command
 ASSIGN/TASK command
 Assignment
 global
 local
 logical device
 logical unit number
 changing
 displaying
 logical-device
 deleting
 displaying
 global
 local
 login
 specifying
 login
 Assignment operator
 See Direct assignment operator
 Assignment statement
 See Direct assignment statement
 AST
 block I/O completion
 command arrival
 definition
 exit
 floating point processor
 exception
 general characteristics
 parity error
 power recovery
 purpose
 receive data
 receive-by-reference
 service routine
 task's stack format
 terminating service
 trap-dependent parameters
 unsolicited-input-character
 AST recognition
 AST routine
 FORTRAN callable
 AST Service Exit directive
 AST service routine
 restrictions
 specifying address
 Asterisk (*)
 See also Autoload indicator
 See also Wildcard
 cross-reference
 of overlaid task
 cross-reference listing
 EDI editor
 PIP
 Asterisk prompt
 Asterisk wildcard
 Command Language 9-3
 System Management 7-8, 7-12, 7-22
 Command Language 5-16 to 5-18,
 9-3
 Command Language 5-7, 5-18 to
 5-19, 9-4
 MCR Operations 2-12
 MCR Operations 2-12
 System Management 10-9
 MCR Operations 3-146
 System Management 10-32
 MCR Operations 3-116
 System Management 10-29
 MCR Operations 3-16
 MCR Operations 3-16
 MCR Operations 3-16
 MCR Operations 3-16
 MCR Operations 3-16
 MCR Operations 3-16
 MCR Operations 2-12
 Writing I/O Driver 1-14
 I/O Operations 2-44
 Executive 5-145
 Executive 2-4
 Executive 5-184
 Executive 5-160
 Executive 2-7
 Executive 5-167
 Executive 5-170
 Executive 2-6
 Executive 5-182
 Executive 5-191
 Executive 2-7
 I/O Drivers 1-11, 1-13
 Executive 2-8 to 2-11
 I/O Drivers 1-24
 Executive 2-8
 I/O Drivers 3-32 to 3-33
 Executive 5-53 to 5-54
 Executive 1-8
 Executive 5-14
 I/O Operations 2-45
 I/O Operations 2-44
 ODT 2-5
 Command Language 3-16, 4-6 to 4-8
 Task Builder 4-13
 Task Builder 10-12
 Program Development 2-10
 Program Development 3-10
 EDT Editor 2-20, 7-1
 MCR Operations 2-6

MASTER INDEX

ASTX\$\$
 \$ASUMR routine
 calling from driver
 ASYN argument to RAB\$B macro
 RSTS/E
 Asynchronous operation

 See also RB\$ASY mask in ROP field
 I/O techniques
 indexed files
 RAB declaration
 relative files
 sequential files
 waiting for
 See WAIT operation
 Asynchronous serial line
 interface
 DL11
 DL11-E
 Asynchronous serial line
 multiplexer
 See also Multiplexer
 DH11
 DHV11
 DJ11
 DZ11
 Asynchronous System Trap
 See AST
 Asynchronous transfer
 At sign (@)

 command
 cross-reference
 of overlaid task
 cross-reference listing
 indirect file
 ODT
 AT.
 /ATL
 ATL command

 command line format
 example
 ATRG\$
 Attach mode
 Attach Region directive
 Attached terminal
 Attachment descriptor
 Attribute

 block spanning
 bucket size
 contiguity
 DCL syntax element
 file allocation
 file organization
 file specification
 in .NAME directive
 DSK
 GBL
 NODSK

 Executive 5-14
 I/O Drivers 1-24
 Writing I/O Driver 7-9
 Writing I/O Driver 7-4
 RMS-11 Macros 2-8
 RMS-11 Macros D-4
 RMS-11 Introduction 4-4
 RMS-11 User's Guide 8-2, 8-4, 8-7
 to 8-8

 RMS-11 User's Guide 2-17
 RMS-11 User's Guide 7-8
 RMS-11 Macros 2-8
 RMS-11 User's Guide 4-14
 RMS-11 User's Guide 3-14

 I/O Drivers 2-40, 3-30
 I/O Drivers 12-2

 I/O Drivers 2-40, 3-29
 I/O Drivers 2-40
 I/O Drivers 2-40, 3-30
 I/O Drivers 2-40, 3-30

 I/O Operations 3-37
 Command Language 3-16
 MCR Operations 4-1
 ODT 2-5, 4-4

 Task Builder 4-13
 Task Builder 10-12 to 10-13
 Task Builder 1-5
 Program Development 5-8
 Command Language 1-17
 Crash Dump Analyzer 2-1
 Command Language 7-46 to 7-50,
 7-55 to 7-57
 MCR Operations 3-19
 MCR Operations 3-21
 MCR Operations 3-21
 Executive 5-16
 MCR Operations 4-32
 Executive 5-16
 Command Language 3-2
 Executive 3-9
 RMS-11 Introduction 3-15, 4-3,
 5-1
 RMS-11 User's Guide 1-2, 1-18
 RMS-11 Utilities 2-1
 RMS-11 User's Guide 1-19
 RMS-11 User's Guide 1-19
 RMS-11 User's Guide 1-19
 System Management 12-25
 RMS-11 User's Guide 1-19
 RMS-11 User's Guide 1-18
 RMS-11 User's Guide 1-18

 Task Builder 3-28
 Task Builder 3-28
 Task Builder 3-28

MASTER INDEX

Attribute
in .NAME directive (Cont.)
NOGBL
keys
medium
MRN
placement control
program section
restriction
protection
record format
record size
record-output handling
RMSDES utility
ALLOCATION (area section)
ALLOCATION (file section)
BLOCK SPAN
BUCKET_SIZE (area section)
BUCKET_SIZE (file section)
CARRIAGE CONTROL
CHANGES
clearing
individual values
sections
CLUSTER_SIZE
CONTIGUOUS (area section)
CONTIGUOUS (file section)
CONTROL FIELD_SIZE
DATA_AREA
DATA_FILL
displaying
individual values
sections
DUPLICATES
EXACT POSITIONING
EXTENSION (area section)
EXTENSION (file section)
FILE PLACEMENT (system
section)
FORMAT
INDEX AREA
INDEX_FILL
informational
LEVEL1 INDEX AREA
MAGTAPE BLOCK SIZE
MAX RECORD NUMBER
NAME (file section)
NAME (key section)
NULL KEY
NULL_VALUE
ORGANIZATION
OWNER
POSITION
PROTECTION
resetting
REWIND MAGTAPE
RMS-11
SEGO POSITION
SEGN_LENGTH
SEGN_POSITION
setting
from a data file
from a description file
individual values
setting sections
SIZE
SOURCE

Task Builder 3-28
RMS-11 User's Guide 1-19
RMS-11 User's Guide 1-18
RMS-11 User's Guide 1-19
RMS-11 User's Guide 1-19
Task Builder 2-3
RMS-11 User's Guide 1-18
RMS-11 User's Guide 1-18
RMS-11 User's Guide 1-18
RMS-11 User's Guide 1-19
RMS-11 Utilities 2-29
RMS-11 Utilities 2-44
RMS-11 Utilities 2-31
RMS-11 Utilities 2-37
RMS-11 Utilities 2-43, 2-45
RMS-11 Utilities 2-32
RMS-11 Utilities 2-37
RMS-11 Utilities 2-40
RMS-11 Utilities 2-6, 2-22, 2-25
RMS-11 Utilities 2-26
RMS-11 Utilities 2-26
RMS-11 Utilities 2-31
RMS-11 Utilities 2-46
RMS-11 Utilities 2-35
RMS-11 Utilities 2-37
RMS-11 Utilities 2-40
RMS-11 Utilities 2-40
RMS-11 Utilities 2-15, 2-26
RMS-11 Utilities 2-26
RMS-11 Utilities 2-27
RMS-11 Utilities 2-40, 2-42, 2-44
RMS-11 Utilities 2-47
RMS-11 Utilities 2-45
RMS-11 Utilities 2-32
RMS-11 Utilities 2-30
RMS-11 Utilities 2-36
RMS-11 Utilities 2-41
RMS-11 Utilities 2-41
RMS-11 Utilities 2-1, 2-17, 2-29
RMS-11 Utilities 2-41
RMS-11 Utilities 2-34
RMS-11 Utilities 2-34
RMS-11 Utilities 2-31
RMS-11 Utilities 2-38
RMS-11 Utilities 2-39
RMS-11 Utilities 2-39
RMS-11 Utilities 2-31
RMS-11 Utilities 2-34
RMS-11 Utilities 2-46
RMS-11 Utilities 2-33
RMS-11 Utilities 2-21
RMS-11 Utilities 2-34
RMS-11 Utilities 2-1, 2-17, 2-29
RMS-11 Utilities 2-42
RMS-11 Utilities 2-42
RMS-11 Utilities 2-42
RMS-11 Utilities 2-13
RMS-11 Utilities 2-25
RMS-11 Utilities 2-24
RMS-11 Utilities 2-21
RMS-11 Utilities 2-21
RMS-11 Utilities 2-36
RMS-11 Utilities 2-30

MASTER INDEX

Attribute	
RMSDES utility (Cont.)	
SUPERSEDE	RMS-11 Utilities 2-35
TARGET	RMS-11 Utilities 2-30
TYPE	RMS-11 Utilities 2-38
RMSDSP utility	RMS-11 Utilities 5-1
save	Task Builder 2-4
ATTRIBUTES keyword	
DISPLAY command	
CON	System Management 15-10
/AU switch	
SLP utility	Utilities 13-15
Audit trail	
See SLP utility	
\$\$AUTO	
PSECT	Task Builder 5-52 to 5-53
reserved PSECT name	Task Builder E-2
AUTO module	Task Builder 5-52
Autobaud speed detection	I/O Drivers 2-42
Autobaud detection option	MCR Operations 3-174
	System Management 10-46
Autoconfigure	
definition	System Generation 1-11
description	System Generation 3-6
device support	System Generation E-1
hardware support	System Generation 3-10
overriding	System Generation 3-7, 3-17
remark	System Generation 3-9
restriction	System Generation 3-7, 3-10
sample output	System Generation 3-8
SYSGEN question	System Generation 3-17
Autodecrement address mode	PDP-11 MACRO-11 5-5
Autodecrement deferred address mode	
Autodecrement indicator	PDP-11 MACRO-11 5-5
Autoincrement address mode	PDP-11 MACRO-11 3-2
Autoincrement deferred address mode	PDP-11 MACRO-11 5-3
Autoincrement indicator	
AUTOL module	PDP-11 MACRO-11 5-4
Autoload	PDP-11 MACRO-11 3-2
applying indicator	Task Builder 5-52
co-tree root	Task Builder 4-1
.FCTR label name	Task Builder 4-2
file name	Task Builder 4-3
portions of ODL tree	Task Builder 4-2
program section name	Task Builder 4-2
segment name	Task Builder 4-3
code sequence	Task Builder 4-3
conventional task	Task Builder 4-5
error handling	Task Builder 4-11 to 4-12
indicator	Task Builder 4-2
efficiently placed	Task Builder 4-6
overhead in region	Task Builder 5-13
path loading	Task Builder 4-3 to 4-4
specifying	Task Builder 4-1
vector	Task Builder 4-4
eliminating unnecessary	Task Builder 4-6
I- and D-space	Task Builder 7-9, 7-11
overlay	Task Builder 3-20
vector format	
conventional task	Task Builder 4-4
I- and D-space	Task Builder 4-4 to 4-5
Autoloadable	
data segment	Task Builder 4-7

MASTER INDEX

Autoloadable (Cont.)
 making file
 using file name
 making program section
Automatic carriage return
Automatic file truncation
 disabling
 enabling
AUTOMCALL argument
AVERAGE.FTN source code

B

B command
 ODT
B condition test argument
B error
 summary
^B operator
B register
\$BA
 predefined syntax element in
 MML
/BA switch
 DMP utility
BACK command
BACK SPACE function
BACK SPACE key

Back-up date
 RMSRST utility
Backing up files
Backing up volume
 See BRU utility
 See also DSC utility
Backslash operator (\)

Backup and Restore Utility
 See BRU utility
BACKUP command

Backup copy
 of generated system
BACKUP function
Backup switch
/BACKUP_SET qualifier
 BRU utility
Backwards deletion option

Bad block
 detection
 RCT
 handling
 Shadow Recording
 handling on MSCP disks
 RCT
 information
 DSC utility
 listing
 IOX
 locating
 BAD utility
 FMT utility
 VFY utility

Task Builder 4-2
Task Builder 4-3
I/O Drivers 2-34, 3-27 to 3-28
I/O Operations 4-22
I/O Operations 4-22
I/O Operations 4-22
PDP-11 MACRO-11 8-9
Program Development 7-3

ODT 2-8, 3-1 to 3-2
Program Development 5-6
PDP-11 MACRO-11 6-52
PDP-11 MACRO-11 6-37
PDP-11 MACRO-11 D-3
PDP-11 MACRO-11 3-5, 6-32
ODT 2-6, 5-4

System Management 12-45
Error Logging 2-3, 2-9
Utilities 11-3
EDT Editor 2-43, 8-6
EDT Editor 5-19
Introduction 1-8 to 1-10, Gloss-4
Command Language 3-13

RMS-11 Utilities 7-8, 7-10
RMS-11 User's Guide 1-10, 1-12

Program Development 5-5
ODT 2-7, 4-2 to 4-3

Command Language 5-11, 5-60 to
 5-71, 9-4 to 9-5

System Generation 4-3
EDT Editor 5-15
Error Logging 2-3, 2-9

Utilities 7-13
MCR Operations 3-177
System Management 10-48

System Management 5-3

System Management 18-10

System Management 5-3

Utilities 8-9

System Management 4-25

Utilities 6-1
Utilities 5-1
Utilities 9-7

MASTER INDEX

Bad block (Cont.)
 notification
 RCT
 processing
 BAD utility
 BRU utility
 recovery
 RCT
 removing from testing
 IOX
 replacement
 RCT
 replacement completion
 RCT
 revectoring
 RCT
 specifying
 IOX
 steps to replace
 RCT
 Bad Block File Header
 Bad Block Locator Utility
 See BAD utility
 Bad Block Replacement Control
 Task
 See RCT
 /BAD keyword
 INI command
 /BAD qualifier
 BRU utility
 options
 /BAD switch
 DSC utility
 FMT utility
 BAD utility
 bad block descriptor entry
 bad block processing
 command line
 device support
 device verifying
 error message
 indirect command file
 INI command
 programming consideration
 switch
 stand-alone
 summary
 task
 BADBLK.SYS file
 BADBLOCKS
 display command
 IOX command
 parameter command
 Badge reader
 Base number
 in DCL
 Base-10
 Base-8
 Baseline system
 definition
 description
 device configuration
 terminal configuration
 BASIC
 System Management 5-3
 Utilities 6-3
 Utilities 7-24
 System Management 5-1
 System Management 4-24
 System Management 5-1, 5-3
 System Management 5-4
 System Management 5-4
 System Management 4-24
 System Management 5-3
 I/O Operations E-2
 MCR Operations 3-79
 Utilities 7-13, 7-24
 Utilities 7-25
 Utilities 8-9
 Utilities 5-7
 Command Language 5-10 to 5-12,
 5-64 to 5-65
 Utilities 6-4
 Utilities 6-3
 Utilities 6-1
 Utilities 6-9
 Utilities 6-3
 Utilities 6-10
 Utilities 6-2
 Utilities 6-4
 Utilities 6-5
 Utilities 6-5
 Utilities 6-8
 Utilities 6-1
 Utilities 6-5
 Command Language 5-11, 5-65
 System Management 4-25
 System Management 4-24
 System Management 4-24
 I/O Drivers 2-4A, 3-3
 Introduction 3-2
 Command Language 1-8
 Introduction 3-2
 Introduction 3-2
 System Generation 1-11
 System Generation 3-11
 System Generation 3-12
 System Generation 3-12
 Introduction 4-12

MASTER INDEX

BASIC command

BASIC-11/IAS-RSX

BASIC-PLUS-2/IAS-RSX

<BASLIN> symbol

Batch command

- CLI commands
- definition
- dollar sign
- format
- label
- line continuation

Batch job

- See also QMG batch job
- See also User batch job
- allocating device
 - ALLOCATE command
- card deck
- card reader input spooling
 - example
- deallocating device
 - DEALLOCATE command
- definition
- dismounting volume
 - DISMOUNT command
- mounting volume
 - MOUNT command
- queuing
- scheduling
- submitting

Batch log file

- definition
- example
- line identifiers
 - DATA
 - SKIP
 - TERM

Batch message file

- BATCH.TXT

Batch processing

- definition

Batch processor

- definition
 - SYSGEN question

Batch processor prototype task

- /BATCH qualifier
 - SHOW QUEUE command

Batch-specific command

- command summary
- definition
- line continuation

Baud rate

- autobaud detection option
- remote terminal
 - specifying
- specifying

Introduction 4-13

Command Language 6-2, 6-11 to 6-13, 9-5

Command Language 6-11 to 6-13, 9-5

Command Language 6-11 to 6-13, 9-5

MCR Operations 4-8

Batch and Queue 3-2

Batch and Queue Gloss-1

Batch and Queue 1-8, 3-2

Batch and Queue 3-2

Batch and Queue 3-2

Batch and Queue 3-2

Batch and Queue 3-13

Batch and Queue 3-23

Batch and Queue 3-24

Batch and Queue 3-14

Batch and Queue Gloss-1

Batch and Queue 3-14

Batch and Queue 3-13

Batch and Queue 3-14

Batch and Queue 1-7

Batch and Queue 1-7

Batch and Queue 3-2, 3-19

Batch and Queue Gloss-1

Batch and Queue 3-20 to 3-23

Batch and Queue 3-20

Batch and Queue 3-20

Batch and Queue 3-20

System Generation 4-5

Introduction 5-11, 6-2, Gloss-4

Batch and Queue 1-7

Command Language 9-46

Executive 4-1

System Management 7-1, 7-9 to 7-10

Batch and Queue Gloss-2

Batch and Queue Gloss-2

System Generation 3-25

System Management 7-1

Batch and Queue 2-16

Batch and Queue 3-2

Batch and Queue 3-3

Batch and Queue Gloss-1

Batch and Queue 3-3

EDT Editor C-1

MCR Operations 3-174

MCR Operations 3-200

System Management 10-57

MCR Operations 3-206

System Management 10-59

MASTER INDEX

BC macro	System Management 12-26
MML	
BCT macro	System Management 12-27 to 12-28
MML	
/BD switch	
RMSRST utility	RMS-11 Utilities 7-8, 7-10
BDB pool	RMS-11 Macros 2-8
BEFORE	
range specification	EDT Editor 6-10
BEGIN	
range specification	EDT Editor 6-8
BEGIN command	
EDI editor	Program Development 2-14
EDI editor	Utilities 2-28
.BEGIN directive	MCR Operations 4-28
format	MCR Operations 4-28
Begin-End block	MCR Operations 4-3
beginning	MCR Operations 4-28
creating	MCR Operations 4-3
ending	MCR Operations 4-35
BEGIN-END statement	Error Logging 5-36
BEX symbolic argument	PDP-11 MACRO-11 6-11
/BF switch	
SLP utility	Utilities 13-15
Bias value	ODT 2-3, 5-6
Trace program	ODT 8-2
BID field in FAB	
offset	RMS-11 Macros 6-22
summary	
FB\$BID code	RMS-11 Macros 6-26
BID field in RAB	
offset	RMS-11 Macros 6-115
summary	
RB\$BID code	RMS-11 Macros 6-116
Big buffer	
choosing size for	I/O Operations 1-8
using	I/O Operations 1-8
Big buffering	I/O Operations 1-7, 3-21, 3-27
BIN symbolic argument	PDP-11 MACRO-11 6-11
BINARY argument	PDP-11 MACRO-11 8-9, 8-11
Binary conversion	
binary byte to octal (\$CBTMG)	System Library 5-9
binary date to decimal (\$CDBAT)	System Library 5-2
binary to signed decimal	
(\$CBDSG)	System Library 5-4
binary to signed octal (\$CBOSG)	System Library 5-8
binary to unsigned decimal	
(\$CBDMG)	System Library 5-3
binary to unsigned octal	
(\$CBOMG)	System Library 5-7
double-precision binary to	
decimal (\$CDDMG)	System Library 5-5
general purpose binary to ASCII	
(\$CBTA)	System Library 5-10
Binary key	
See XB\$BN2 mask in DTP field	
See also XB\$BN4 mask in DTP	
field	
2-byte unsigned	RMS-11 User's Guide 6-5
4-byte unsigned	RMS-11 User's Guide 6-5
Binary machine code	Introduction 4-5 to 4-6, 4-12,
	Gloss-4
	PDP-11 MACRO-11 3-5 to 3-6
Binary operator	
See also Operator, logical	
evaluation of multiple	PDP-11 MACRO-11 3-6
precedence with unary	PDP-11 MACRO-11 3-16

MASTER INDEX

Binary output
 controlling absolute
 enabling and disabling
 Binary output file size switch
 choosing size for
 Bit
 BITMAP.SYS file
 BKS field in FAB
 CREATE operation
 offset
 OPEN operation
 RSTS/E
 summary
 BKT field in RAB
 FIND operation
 GET operation
 offset
 PUT operation
 READ operation
 SPACE operation
 summary
 WRITE operation
 BKZ field in ALL block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 RSTS/E
 summary
 /BL
 /BL switch
 CMP utility
 DMP utility
 DSC utility
 FLX utility
 PIP utility
 RMSCNV utility
 Blank line
 Blank media
 requirement
 BLDLAINIT.CMD
 on pregenerated kit
 .BLK
 See Program section
 BLK command
 .BLKB directive
 \$BLKC1 routine
 \$BLKC2 routine
 \$BLKCK routine
 /BLKS keyword
 ACS command
 .BLKW directive
 BLN field in ALL block
 offset
 summary
 XB\$LAL code
 BLN field in DAT block
 offset
 summary
 XB\$DTL code
 BLN field in FAB
 offset
 summary
 FB\$BLN code
 BLN field in KEY block
 offset
 summary

PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 6-20
 Crash Dump Analyzer 2-8
 I/O Operations 1-8
 RMS-11 Introduction 2-1
 Command Language 5-11, 5-65

 RMS-11 Macros 5-17
 RMS-11 Macros 6-24
 RMS-11 Macros 5-78
 RMS-11 Macros D-3
 RMS-11 Macros 6-27
 RMS-11 Macros 4-6, 4-12 to 4-13
 RMS-11 Macros 5-50, 5-52, 5-55
 RMS-11 Macros 5-61, 5-65, 5-68
 RMS-11 Macros 6-115
 RMS-11 Macros 5-93, 5-96
 RMS-11 Macros 5-98, 5-100
 RMS-11 Macros 5-120
 RMS-11 Macros 6-117
 RMS-11 Macros 5-127, 5-129

 RMS-11 Macros 5-17
 RMS-11 Macros 5-30
 RMS-11 Macros 6-2
 RMS-11 Macros 5-79
 RMS-11 Macros D-3 to D-4
 RMS-11 Macros 6-8
 Crash Dump Analyzer 2-6

 Utilities 12-2
 Utilities 11-4
 Utilities 8-12
 Utilities 4-6
 Utilities 3-11
 RMS-11 Utilities 4-8
 PDP-11 MACRO-11 2-1

 System Generation 2-2

 System Generation 5-37

 MCR Operations 3-22
 PDP-11 MACRO-11 6-38
 Writing I/O Driver 7-10
 Writing I/O Driver 1-16, 7-10
 Writing I/O Driver 1-15, 7-10

 MCR Operations 3-8
 PDP-11 MACRO-11 6-38

 RMS-11 Macros 6-2

 RMS-11 Macros 6-9

 RMS-11 Macros 6-14

 RMS-11 Macros 6-15

 RMS-11 Macros 6-22

 RMS-11 Macros 6-28

 RMS-11 Macros 6-67

MASTER INDEX

BLN field in KEY block	
summary (Cont.)	
XB\$KYL code	RMS-11 Macros 6-69
BLN field in PRO block	
offset	RMS-11 Macros 6-108
summary	
XB\$PRL code	RMS-11 Macros 6-109
BLN field in RAB	
offset	RMS-11 Macros 6-115
summary	RMS-11 Macros 6-118
BLN field in SUM block	
offset	RMS-11 Macros 6-145
summary	
XB\$SML code	RMS-11 Macros 6-146
Block	Introduction 3-2, Gloss-5
	RMS-11 Introduction 2-3
	RMS-11 User's Guide 1-16
See also Control block	
access mode	RMS-11 Introduction 3-11 to 3-12,
	3-14, 4-7
	RMS-11 User's Guide 1-20, 3-6
See also Shared access	
See also BKT field in RAB	
remote	RMS-11 User's Guide B-3
RMSCNV utility	RMS-11 Utilities 4-1
sequential	RMS-11 Introduction 3-12
VBN	RMS-11 Introduction 3-12
allocating	
VFY utility	Utilities 9-8
bad	
detection	
RCT	System Management 5-3
handling on MSCP disks	
RCT	System Management 5-3
listing	
IOX	System Management 4-25
notification	
RCT	System Management 5-3
recovery	
RCT	System Management 5-1
removing from testing	
IOX	System Management 4-24
replacement	
RCT	System Management 5-1, 5-3
replacement completion	
RCT	System Management 5-4
revectoring	
RCT	System Management 5-4
specifying	
IOX	System Management 4-24
steps to replace	
RCT	System Management 5-3
context	
readable block	RMS-11 Introduction 4-7
writable block	RMS-11 Introduction 4-7
incomplete replacement checking	
RCT	RMS-11 Introduction 4-7
label	
locating	
See SPACE operation	System Management 5-1
logical	Task Builder 2-8
RCT	
magnetic tape	
user definable	RMS-11 Introduction 2-3
operations	System Management 5-2
processing	
reading	RMS-11 Introduction 2-4
	RMS-11 Introduction 4-7
	RMS-11 Introduction 4-1, 4-7

MASTER INDEX

Block
 reading (Cont.)
 See READ operation
 recovering lost
 VFY utility
 replacement
 RCT
 replacement functions listed
 RCT
 size, magtape
 See BLS field in FAB
 spanning

 variable-length records
 verifying
 VFY utility
 virtual
 writing
 See WRITE operation
 Block boundary
 RMSDEF utility
 Block buffer size
 BLOCK command
 command line format
 example
 keyword
 /TERM
 Block context
 Block I/O
 Block I/O completion
 Block locking
 enabling
 Block mode
 EDI editor
 Block number switch
 BLOCK ON/OFF command
 EDI editor
 Block operation
 Block operation macro
 declaring
 \$READ
 \$SPACE
 \$WRITE
 Block processing
 Block size
 magnetic tape
 parameter to FDBK\$A
 Block stream
 Block-declaration macro
 BLOCK SPAN
 RMSDES utility
 Blocked record
 See FB\$BLK mask in RAT field
 Blocked task

 BLS field in FAB
 CREATE operation
 offset
 OPEN operation
 summary
 \$BLXIO routine
 \$BMSET
 \$BNUM
 predefined syntax element in
 MML

 Utilities 9-7

 System Management 5-2

 System Management 5-1

 RMS-11 Introduction 4-2
 RMS-11 User's Guide 1-16, 1-19,
 3-1
 RMS-11 User's Guide 2-16

 Utilities 9-7
 RMS-11 Introduction 2-3

 RMS-11 Utilities A-9
 I/O Operations 3-21, 3-27
 MCR Operations 3-22
 MCR Operations 3-22
 MCR Operations 3-22

 MCR Operations 3-22
 RMS-11 Macros 4-12
 I/O Operations 3-30, 3-35
 I/O Operations 2-44, 3-35

 I/O Operations 2-15

 Program Development 1-3
 Crash Dump Analyzer 2-7

 Utilities 2-28
 RMS-11 Macros 4-14

 RMS-11 Macros C-3
 RMS-11 Macros 5-98, 5-100
 RMS-11 Macros 5-120
 RMS-11 Macros 5-127, 5-129
 RMS-11 Macros 4-11

 I/O Drivers 8-14
 I/O Operations 2-11
 RMS-11 Macros 4-11
 RMS-11 Macros 2-8 to 2-9

 RMS-11 Utilities 2-37

 Introduction 5-7, Gloss-5,
 Gloss-33
 Command Language 7-23 to 7-26

 RMS-11 Macros 5-15
 RMS-11 Macros 6-24
 RMS-11 Macros 5-79
 RMS-11 Macros 6-29
 Writing I/O Driver 7-11
 Error Logging 4-20

 System Management 12-40

MASTER INDEX

Boot
 Bootstrap block
 hardware
 writing on system device
 writing
 BOOT command
 command line format
 error message
 example
 /BOOT keyword
 SAVE command
 VMR
 Bootstrap
 hardware
 definition
 software
 definition
 /BOT keyword
 SET command
 VMR
 BOTTOM command
 EDI editor
 BOTTOM function
 /BP switch
 RMSDSP utility
 BPA field in FAB
 CLOSE operation
 CREATE operation
 ENTER operation
 ERASE operation
 offset
 OPEN operation
 PARSE operation
 REMOVE operation
 RENAME operation
 SEARCH operation
 summary
 BPR
 See also Batch processor
 BPS field in FAB
 CLOSE operation
 CREATE operation
 ENTER operation
 ERASE operation
 offset
 OPEN operation
 PARSE operation
 REMOVE operation
 RENAME operation
 SEARCH operation
 summary
 /BR switch
 PIP utility
 QUE /LI command
 Branch
 location
 offset
 Branch instruction, address
 calculation
 Break-through write
 Breakpoint
 address register
 clear
 ODT 3-1
 instruction

Introduction Gloss-5
 I/O Operations E-1

MCR Operations 3-162
 System Generation 4-2
 MCR Operations 3-23
 MCR Operations 3-23
 MCR Operations 3-25
 MCR Operations 3-25

System Management 10-40

System Generation 1-11

System Generation 1-11

System Management 10-47

Utilities 2-12, 2-29
 EDT Editor 2-9, 5-21

RMS-11 Utilities 5-3 to 5-4
 RMS-11 Macros 2-7, 3-5
 RMS-11 Macros 5-4
 RMS-11 Macros 5-13
 RMS-11 Macros 5-36
 RMS-11 Macros 5-42
 RMS-11 Macros 6-24
 RMS-11 Macros 5-74
 RMS-11 Macros 5-87
 RMS-11 Macros 5-104
 RMS-11 Macros 5-110
 RMS-11 Macros 5-117
 RMS-11 Macros 6-30
 Batch and Queue 3-1

RMS-11 Macros 2-7, 3-5
 RMS-11 Macros 5-4
 RMS-11 Macros 5-13
 RMS-11 Macros 5-36
 RMS-11 Macros 5-42
 RMS-11 Macros 6-24
 RMS-11 Macros 5-74
 RMS-11 Macros 5-87
 RMS-11 Macros 5-104
 RMS-11 Macros 5-110
 RMS-11 Macros 5-117
 RMS-11 Macros 6-31

Utilities 3-25
 Batch and Queue 2-15

ODT 2-6, 4-5
 ODT 7-2

PDP-11 MACRO-11 5-10
 I/O Drivers 2-22
 ODT 3-1 to 3-3, 5-1
 ODT 2-6, 3-2, 5-4
 ODT 3- set

ODT 27, 5-4

MASTER INDEX

Breakpoint (Cont.)

- proceed count
- removing
- set
- setting in a driver
- setting in a task
- Breakpoint register
- BREAKPOINT TO XDT command
- Brief format report
- /BRIEF qualifier
 - SHOW QUEUE command
- BRIEF qualifier
- BRK command
 - command line format
 - example
- /BRO keyword
 - SET command
 - VMR
- BROADCAST command

- command line format
- display format
- error message
- example
- option
 - ALL
 - LOG
- Broadcast option

BRU

- disk initialization values
- BRU utility
 - See also BACKUP command
 - bad block processing
 - command line
 - parameter
 - command qualifier
 - description
 - function
 - summary
 - creating new primary disk
 - data transfer
 - device information
 - device support
 - disk initialization
 - error message
 - example
 - file creation date
 - file revision date
 - file treatment
 - file header
 - file synonym
 - lost file
 - new features
 - procedure for Shadow Recording
 - stand-alone
 - bootstrapping
 - CNF
 - locating
 - system image copying
 - tape incompatibility

- ODT 2-7, 3-3, 5-4
- ODT 2-8, 3-2
- ODT 3-1
- Writing I/O Driver 6-5
- Program Development 5-6
- Program Development 5-6
- MCR Operations 3-26
- Error Logging 3-11

- Batch and Queue 2-15
- EDT Editor 7-17
- MCR Operations 3-26
- MCR Operations 3-26
- MCR Operations 3-26
- MCR Operations 3-175
- System Management 10-48
- Introduction 6-1
- Command Language 3-29 to 3-31, 9-6
- MCR Operations 3-27
- MCR Operations 3-27
- MCR Operations 3-29
- MCR Operations 3-30
- MCR Operations 3-29
- MCR Operations 3-28
- MCR Operations 3-28
- MCR Operations 3-175
- System Management 10-48

- System Generation 2-10
- Command Language 5-12, 5-60 to 5-71

- Utilities 7-24
- Utilities 7-5
- Utilities 7-6

- Utilities 7-12
- Utilities 7-11
- Utilities 7-8
- System Management 18-11
- Utilities 7-26
- Utilities 7-1
- Utilities 7-5
- Utilities 7-17
- Utilities 7-34
- Utilities 7-28
- Utilities 7-27
- Utilities 7-27
- Utilities 7-26
- Utilities 7-27
- Utilities 7-27
- Utilities 7-27
- Utilities 7-27
- Release Notes 1-2
- System Management 18-3
- Utilities 7-22
- Utilities 7-23
- Utilities 7-22
- Utilities 7-23
- Utilities 7-26
- Release Notes 1-38

MASTER INDEX

- BRUSYS system
 - restriction
- /BS keyword
 - MOUNT command
- BS macro
 - MML
- /BS switch
 - FLX utility
 - PIP utility
- BST macro
 - MML
- Bucket
 - continuation
 - fill number
 - populating indexed files
 - fill number, data
 - See DFL field in KEY block
 - fill number, honoring
 - See RB\$LOA mask in ROP field
 - fill number, index
 - See IFL field in KEY block
 - high-key value
 - I/O units
 - index
 - locking
 - and shared access
 - FIND operation
 - GET operation
 - relative files
 - RMSCNV utility
 - size
 - See BKS field in FAB
 - See also BKZ field in ALL block
- Bucket format
 - indexed files
- Bucket size
 - calculation
 - alternate indexes
 - primary index
 - indexed files
 - prologue
 - relative files
 - RMSDEF utility
- Bucket splitting
 - RRV
- BUCKET SIZE
 - RMSDES utility
 - area section
 - file section
- /BUF keyword
 - SET command
 - VMR
- Buffer
 - cache
 - current
 - EDT editor
 - I/O
 - size
 - MAIN
 - multiple
- PASTE
 - record
 - See RBF field in RAB
 - rules for naming

System Generation 2-6
Release Notes 1-37

MCR Operations 3-122

System Management 12-26

Utilities 4-6
Utilities 3-15

System Management 12-27 to 12-28

RMS-11 Introduction 4-2
RMS-11 User's Guide 5-5
RMS-11 Introduction 4-2
RMS-11 User's Guide 6-28

RMS-11 User's Guide 5-5 to 5-6
RMS-11 User's Guide 1-16
RMS-11 User's Guide 5-6
RMS-11 Introduction 4-3
RMS-11 User's Guide 2-8
RMS-11 User's Guide 2-8
RMS-11 User's Guide 2-8
RMS-11 User's Guide 4-1
RMS-11 Utilities 4-10

RMS-11 User's Guide 5-2
RMS-11 User's Guide 1-19

RMS-11 User's Guide 6-19
RMS-11 User's Guide 6-16
RMS-11 User's Guide 6-15
RMS-11 User's Guide 5-2
RMS-11 User's Guide 4-2
RMS-11 Utilities A-15
RMS-11 User's Guide 5-11
RMS-11 User's Guide 5-12

RMS-11 Utilities 2-43, 2-45
RMS-11 Utilities 2-32

MCR Operations 3-176
System Management 10-48
Introduction Gloss-5
RMS-11 User's Guide 4-15
EDT Editor 2-35
Introduction 2-4, 2-17
RMS-11 User's Guide 1-14
RMS-11 User's Guide 2-5
EDT Editor 1-2, 2-1, 6-5
EDT Editor 1-8, 2-32
RMS-11 User's Guide 2-18, 3-14,
4-15
EDT Editor 1-2, 2-1, 6-5

EDT Editor 6-6

MASTER INDEX

- Buffer (Cont.)
 - SHOW BUFFER command
 - special user
 - sample of driver handling
 - string search
 - text
 - typeahead
 - clearing
 - user
 - See also UBF field in RAB
- Buffer address
 - parameter to FDBK\$A
- Buffer format
 - for GTIM\$ directive
 - for GTSK\$ directive
- Buffer pool
- Buffer record
 - maximum size
- Buffer space
 - statistics
 - shown with PARAMETERLIST
- Buffered I/O
- Buffering
 - variable-length
- /BUFFERS qualifier
 - BRU utility
- BUFFERSIZE command
 - IOX
- BUILD command
 - CON
 - command line format
 - example
- Build file
 - modifying
 - to improve performance
- Building tasks
 - See also Task builder
- Built-in variables
- Bundled
- Bus run
 - switched
 - connecting
 - disconnecting
 - switching
- Bus switch
- /BY switch
 - DMP utility
- BYE command
 - command line format
 - error message
 - example
 - keyword
 - /HOLD
 - task
 - aborting
 - nonprivileged
 - privileged
- Byte
- .BYTE directive
- Byte location
 - displaying
 - opening
- Byte mode
- operator
 - ASCII
- EDT Editor 9-15
- Writing I/O Driver 8-12 to 8-26
 - EDT Editor 5-23
 - EDT Editor 1-2, 2-1
 - Program Development 1-3
 - I/O Drivers 2-37
 - MCR Operations 2-18
 - RMS-11 User's Guide 1-14
- I/O Operations 2-11
- Executive 5-95
- Executive 5-97
- RMS-11 Macros 3-5
- Task Builder 11-23
- System Management 4-42
- Writing I/O Driver 1-14
- I/O Drivers 3-28
- Utilities 7-14
- System Management 4-26
- System Management 15-7
- System Management 15-7
- System Management 15-7
- Task Builder F-1, F-5
- RMS-11 User's Guide 1-13
- I/O Operations 7-5
- Introduction 4-12, Gloss-5
- System Management 15-16
- System Management 15-27
- System Management 15-26
- Writing I/O Driver 1-16
- Utilities 11-5
- MCR Operations 3-31
- MCR Operations 3-32
- MCR Operations 3-32
- MCR Operations 3-32
- MCR Operations 3-31
- MCR Operations 3-31
- MCR Operations 3-32
- RMS-11 Introduction 2-1
- PDP-11 MACRO-11 6-23 to 6-24
- ODT 4-2 to 4-6
- ODT 4-2 to 4-6
- ODT 2-7, 4-6

MASTER INDEX

Byte mode
operator (Cont.)
octal

ODT 2-7, 4-2 to 4-3

C

^C operator
C register
indicator
\$C5TA (Radix-50 to ASCII)
/CA switch
RMSCNV utility
...CA.
Cache
indexed files
Cache corruption
write-back
checking by RCT
Cache data
write-back
preventing loss of
Calculated location
return from
Calculating file work space
(RMSIFL)
Calculation
offset
relocatable
address
CALDEV
CALL
macro
Call
operation routine
arguments in memory
macro argument
CALL ABORT
CALL ALTPRI
CALL ASNLUN
CALL ATRG
CALL CANALL
CALL CANMT
CALL CLREF
CALL CNCT
CALL CPRC
CALL CRAW
CALL CRGF
CALL CRRG
CALL CRVT
CALL DECLAR
CALL DISCKP
CALL DSASTR
CALL DTRG
CALL ELAW
CALL ELGF
CALL ELVT
CALL EMST
CALL ENACKP
CALL ENASTR
CALL EXIT
CALL EXITIF
CALL EXST
CALL EXTTSK
CALL GETCII
CALL GETLUN
CALL GETMCR
CALL GETPAR

PDP-11 MACRO-11 3-5, 6-35 to 6-36
ODT 2-6, 5-3, 7-3
ODT 2-3, 2-8, 7-3
System Library 5-11

RMS-11 Utilities 4-8
System Management 12-3
RMS-11 User's Guide 4-15
RMS-11 User's Guide 7-9

System Management 5-1

System Management 5-5

ODT 2-6, 4-6

RMS-11 Utilities 3-12
ODT 7-1
ODT 7-1

ODT 7-1
Error Logging 4-24

I/O Operations 4-1

RMS-11 Macros 2-13
RMS-11 Macros 2-14
RMS-11 Macros 2-13
Executive 5-8
Executive 5-10
Executive 5-12
Executive 5-16
Executive 5-51
Executive 5-29
Executive 5-28
Executive 5-31
Executive 5-34
Executive 5-37
Executive 5-40
Executive 5-42
Executive 5-48
Executive 5-52
Executive 5-55
Executive 5-53
Executive 5-56
Executive 5-58
Executive 5-60
Executive 5-62
Executive 5-64
Executive 5-66
Executive 5-65
Executive 5-70
Executive 5-67
Executive 5-71
Executive 5-73
Executive 5-79
Executive 5-81
Executive 5-84
Executive 5-89

MASTER INDEX

CALL GETREG	Executive 5-91
CALL GETTIM	Executive 5-95
CALL GETTSK	Executive 5-97
CALL GMCX	Executive 5-86
CALL GTCMCI	Executive 5-75
CALL INASTR	Executive 5-53
CALL MAP	Executive 5-100
CALL MARK	Executive 5-103
CALL PWRUP	Executive 5-170
CALL QIO	Executive 5-112
CALL RCST	Executive 5-118
CALL READEF	Executive 5-125 to 5-127
CALL RECEIV	Executive 5-120
CALL RECOEX	Executive 5-122
CALL RESUME	Executive 5-139
CALL RMAF	Executive 5-128
CALL RPOI	Executive 5-129
CALL RREF	Executive 5-136
CALL RUN	Executive 5-140
CALL SDRC	Executive 5-152
CALL SDRP	Executive 5-155
CALL SEND	Executive 5-150
CALL SETCLI	Executive 5-148
CALL SETEF	Executive 5-159
CALL SETTIM	Executive 5-195
CALL MSG	Executive 5-162
CALL SNXC	Executive 5-165
CALL SPAWN	Executive 5-172
CALL SREA	Executive 5-184
CALL SREF	Executive 5-188
CALL SREX	Executive 5-184
CALL STAF	Executive 5-194
CALL statement	Error Logging 5-33
CALL STLOR	Executive 5-198
CALL STOP	Executive 5-200
CALL STOPFR	Executive 5-201
CALL SUSPND	Executive 5-169
CALL ULGF	Executive 5-206
CALL UNMAP	Executive 5-207
CALL USTP	Executive 5-209
CALL VRCD	Executive 5-210
CALL VRCS	Executive 5-212
CALL VRCX	Executive 5-214
CALL VSDA	Executive 5-216
CALL VSRC	Executive 5-218
CALL WAIT	Executive 5-103
CALL WAITFR	Executive 5-225
CALL WFSNE	Executive 5-221
CALL WTQIO	Executive 5-116
\$CALLOV	
predefined syntax element in	
MML	System Management 12-45
CALLS argument	PDP-11 MACRO-11 8-11
CAN command	MCR Operations 3-33
VMR	System Management 10-11
CANCEL command	Command Language 7-22 to 7-23, 9-6
command line format	MCR Operations 3-33
example	MCR Operations 3-33
VMR	MCR Operations 3-33
command line format	System Management 10-11
example	System Management 10-11
Cancel I/O	System Management 10-11
entry point	Writing I/O Driver 4-64 to 4-65
overview	Writing I/O Driver 2-5

MASTER INDEX

Cancel Mark Time Requests
 directive
 Cancel Time Based Initiation
 Requests directive
 CAPS LOCK key

 Card deck
 example
 format
 \$EOJ
 \$JOB
 \$PASSWORD card
 \$PRINT card
 \$SUBMIT card
 sequence field
 Card input error
 error recovery
 Card reader
 binary format
 CM/CR11
 SYSGEN question
 control character
 data format
 data format translation
 device-specific QIO
 format translation
 indicator light
 list of
 standard QIO
 switch
 list of
 Card reader check
 recovery
 Card reader format, sequence
 number as comment
 Card reader input spooling
 Card Reader Processor
 See CRP
 Card Reader Spooling Transaction
 Block
 CARD_FORMAT argument
 Carriage control
 See also RAT field in FAB
 RMSDEF utility
 specifying
 for unlabeled tape
 Carriage return
 See also RETURN key
 automatic
 Carriage-control device
 See FB\$CCL mask in DEV field
 Carriage-return carriage control
 See FB\$CR mask in RAT field
 CARRIAGE_CONTROL
 RMSDES utility
 Case control
 CASE statement
 CASE_MATCH argument
 Cassette

 block length
 device-specific QIO
 space functions
 standard QIO
 status return

 Executive 5-29
 Executive 5-51
 Introduction 1-9
 Command Language 3-14

 Batch and Queue 3-24

 Batch and Queue 3-24
 Batch and Queue 3-24
 Batch and Queue 3-24
 Batch and Queue 3-24
 Batch and Queue 3-24
 Batch and Queue 3-26

 I/O Drivers 11-3
 I/O Drivers 11-1
 I/O Drivers 11-9

 System Generation 3-44
 I/O Drivers 11-8
 I/O Drivers 11-9
 I/O Drivers 11-9
 I/O Drivers 11-3
 I/O Drivers 11-10

 I/O Drivers 11-5 to 11-6
 I/O Drivers 11-2

 I/O Drivers 11-5 to 11-6

 I/O Drivers 11-4

 PDP-11 MACRO-11 6-19
 Batch and Queue 3-23

 System Management 17-33
 PDP-11 MACRO-11 8-9

 RMS-11 Utilities A-9

 I/O Operations G-11

 I/O Drivers 2-34, 3-27 to 3-28

 RMS-11 Utilities 2-37
 PDP-11 MACRO-11 6-19
 Error Logging 5-34
 PDP-11 MACRO-11 8-9
 I/O Drivers 9-1
 RMS-11 Macros 3-2, 5-20, 5-37,
 5-43, 5-77, 5-88, 5-104,
 5-111, 5-118
 I/O Drivers 9-8
 I/O Drivers 9-3
 I/O Drivers 9-7
 I/O Drivers 9-2
 I/O Drivers 9-3 to 9-5

MASTER INDEX

Cassette (Cont.)	I/O Drivers 9-6
structure	System Library 4-6
\$CAT5 (ASCII to Radix-50)	
\$CAT5B (ASCII with Blanks to Radix-50)	System Library 4-8
Catchall task	System Management 12-3
See also TDX	
restriction for DCL	Release Notes 1-29
Catchup	
Shadow Recording	System Management 18-1
/CB switch	
CMP utility	Utilities 12-2
CBD	Executive 5-42
information	
displaying	MCR Operations 3-34
removing region	MCR Operations 3-149
CBD command	MCR Operations 3-34
command line format	MCR Operations 3-34
example	MCR Operations 3-35
keyword	
/TASKS	MCR Operations 3-34
\$CBDAT (Binary date to decimal)	System Library 5-2
\$CBDMG (Binary to unsigned decimal)	
\$CBDSG (Binary to signed decimal)	System Library 5-3
CBM macro	System Library 5-4
MML	
\$CBOMG (Binary to unsigned octal)	System Management 12-28
\$CBOSG (Binary to signed octal)	System Library 5-7
\$CBTA (General purpose binary to ASCII)	System Library 5-8
\$CBTMG (Binary byte to octal)	
CC command	System Library 5-10
EDI editor	System Library 5-9
/CC keyword	
MOUNT command	Utilities 2-30
/CC switch	
CCBM macro	MCR Operations 3-122
MML	Task Builder 10-7
CCML\$	
CD command	System Management 12-28
EDI editor	I/O Operations 6-9, 6-12
/CD switch	
PIP utility	Utilities 2-30
RMSBCK utility	Utilities 3-16
CDA	RMS-11 Utilities 6-8 to 6-9
installed	Error Logging 1-1
invoking from indirect command file	Crash Dump Analyzer 1-3
running	
uninstalled	Crash Dump Analyzer 1-5
CDA command line	Crash Dump Analyzer 1-3
binary file	Crash Dump Analyzer 1-3
crash input file	Crash Dump Analyzer 1-3
default	Crash Dump Analyzer 1-3
list file	Crash Dump Analyzer 1-4
symbol file	Crash Dump Analyzer 1-4
CDA message	Crash Dump Analyzer 1-4
analysis	
example of	Crash Dump Analyzer A-1
fatal	
example of	Crash Dump Analyzer A-1
\$CDDMG (Double-precision binary to decimal)	
CDR symbolic argument	System Library 5-5
	PDP-11 MACRO-11 6-19

MASTER INDEX

CDT field in DAT block	RMS-11 Macros 5-32
DISPLAY operation	RMS-11 Macros 6-14
offset	RMS-11 Macros 5-81
OPEN operation	RMS-11 Macros D-4
RSTS/E	RMS-11 Macros 6-16
summary	System Library 4-4
\$CDTB (Decimal to binary)	RMS-11 Introduction 3-5
Cell	RMS-11 User's Guide 4-1
relative files	RMS-11 User's Guide 3-2
sequential files	RMS-11 Macros 3-5
Central buffer pool	
Central processing unit	
See CPU	
CEX	System Generation 5-38
CFL	Error Logging 1-1, 1-3, 1-5, 5-1
declaration	
conditional	Error Logging 5-29 to 5-30
data item	Error Logging 5-26
definition	Error Logging 5-3
scope	Error Logging 5-26
variable	Error Logging 5-26
definition	Error Logging 5-2
expression	
conditionals in	Error Logging 5-2
list handling	Error Logging 5-39
intermediate form modules	Error Logging 5-1
lexical conditionals	Error Logging 5-36
signalling	Error Logging 5-40
spaces and tabs in text	Error Logging 5-2
statement	
ACTION	Error Logging 5-30
BEGIN-END	Error Logging 5-36
CALL	Error Logging 5-33
CASE	Error Logging 5-34
CONTROL	Error Logging 5-32
CRASH	Error Logging 5-41
DECLARE	Error Logging 5-27
DECODE	Error Logging 5-32
DECREMENT	Error Logging 5-31
DYNAMIC TABLE	Error Logging 5-37
ENABLE	Error Logging 5-40
FILE	Error Logging 5-37 to 5-38
FIND	Error Logging 5-39
IF-THEN-ELSE	Error Logging 5-34
INCREMENT	Error Logging 5-31
LEAVE	Error Logging 5-35
LIST	Error Logging 5-39
LITERAL	Error Logging 5-33
MESSAGE	Error Logging 5-41
MODULE	Error Logging 5-32
PACKET	Error Logging 5-28
POINTER	Error Logging 5-38 to 5-39
PRINT FORMATTING	Error Logging 5-41
PROCEDURE	Error Logging 5-33 to 5-34
PUT	Error Logging 5-39
RETURN	Error Logging 5-33
SEARCH	Error Logging 5-40
SELECT	Error Logging 5-34 to 5-35
SET	Error Logging 5-31
SIGNAL	Error Logging 5-40 to 5-41
SIGNAL STOP	Error Logging 5-41
SUBPACKET	Error Logging 5-29
TABLE	Error Logging 5-37
WHILE/UNTIL/DO	Error Logging 5-35
WRITE	Error Logging 5-31
WRITE GROUP	Error Logging 5-31
table structure	Error Logging 5-36

MASTER INDEX

CFL (Cont.)	
user interface	
command mode	Error Logging 5-43
option mode	Error Logging 5-43
CFL command line	
DEVSM1	Error Logging 4-36
CFL command mode	Error Logging 5-43
CFL comments	Error Logging 5-3
CFL data type	
ASCII	Error Logging 5-5
automatic conversion	Error Logging 5-4
binary byte	Error Logging 5-4
bit	Error Logging 5-4, 5-7
expression	Error Logging 5-4
logical	Error Logging 5-4
numeric	Error Logging 5-5
attribute option	Error Logging 5-5
byte	Error Logging 5-5
default	Error Logging 5-5
longword	Error Logging 5-5
quadword	Error Logging 5-5
radix option	Error Logging 5-5
value	Error Logging 5-5
word	Error Logging 5-5
numeric field	Error Logging 5-7
numeric literal	Error Logging 5-6
pointer	Error Logging 5-7
RSXTIME	Error Logging 5-7
string	Error Logging 5-4
numeric value	Error Logging 5-4
VMSTIME	Error Logging 5-7
CFL expression	Error Logging 5-9
definition	Error Logging 5-3
logical operators	Error Logging 5-10
numeric operators	Error Logging 5-13 to 5-15
relational operators	Error Logging 5-11 to 5-13
string operators	Error Logging 5-9
CFL file	
command	Error Logging 5-3
error	Error Logging 5-4
input	Error Logging 5-3
report	Error Logging 5-3
user	Error Logging 5-3
CFL function	
%END	Error Logging 5-17
%CNV	Error Logging 5-17 to 5-18
%CNV\$RSXTIME	Error Logging 5-19
%CNV\$STRING	Error Logging 5-19
%CNV\$VMSTIME	Error Logging 5-19
%COD	Error Logging 5-19
%COM	Error Logging 5-20
%CTL	Error Logging 5-21
format	Error Logging 5-16
%LOK	Error Logging 5-21
%PKT	Error Logging 5-22
%RPT	Error Logging 5-22
%STR	Error Logging 5-23 to 5-24
%TIM	Error Logging 5-25
%USR	Error Logging 5-25
CFL literals	Error Logging 5-9
CFL named variable	Error Logging 5-8
CONTEXT	Error Logging 5-8
COUNT	Error Logging 5-9
LENGTH	Error Logging 5-8
POINTER	Error Logging 5-8
CFL operands	
literals	Error Logging 5-9

MASTER INDEX

CFL operands (Cont.)
 variables
 CFL operator precedence
 CFL option mode
 CFL primitives
 CFL statement
 definition
 \$CFORK
 .CHAIN directive
 example
 format
 Chaining
 CHANGE command
 EDI editor
 EDI editor
 for keypad editing
 for nokeypad editing
 Change mode
 EDT editor
 Changeable key

 See also XB\$CHG mask in FLG field
 CHANGES
 RMSDES utility
 Changing
 See also Displaying
 contents of location
 display mode
 Changing case
 keypad editing
 nokeypad editing
 showing current case setting
 CHAR function
 Character
 control

 OPEN command
 conversion to 16-bit value
 correcting transposition of
 delimiting
 flagging uppercase or lowercase
 generating printable
 illegal

 legal label
 lowercase
 converting

 separating
 special
 string packing
 task-buffering of received
 translating
 magtape
 vertical format control
 Character editing
 See CHANGE command
 Character set
 ASCII
 legal
 Radix-50
 Checkpoint
 area
 in task image
 file

 Error Logging 5-9
 Error Logging 5-15
 Error Logging 5-43
 Error Logging 5-1

 Error Logging 5-3
 Writing I/O Driver 1-17
 MCR Operations 4-28
 MCR Operations 4-29
 MCR Operations 4-28
 Executive 4-1, 5-129, 5-155
 EDT Editor 2-5, 2-36, 7-1
 Program Development 2-16, 7-5
 Utilities 2-12, 2-29
 EDT Editor 5-2
 EDT Editor 8-1

 Introduction 2-3, 2-17, Gloss-6
 RMS-11 Introduction 3-10
 RMS-11 User's Guide 6-9

 RMS-11 Utilities 2-40

 ODT 4-1
 ODT 4-3

 EDT Editor 2-18, 5-48
 EDT Editor 8-6
 EDT Editor 9-15
 EDT Editor 5-16
 ODT 2-3 to 2-4
 I/O Drivers 2-27, 2-33
 MCR Operations 2-14
 MCR Operations 3-138
 PDP-11 MACRO-11 6-25
 EDT Editor 10-6
 PDP-11 MACRO-11 3-3
 EDT Editor 9-2
 PDP-11 MACRO-11 6-26 to 6-28
 ODT 2-8
 PDP-11 MACRO-11 3-3
 PDP-11 MACRO-11 2-3

 MCR Operations 3-187
 System Management 10-51
 PDP-11 MACRO-11 3-3
 PDP-11 MACRO-11 3-1 to 3-3
 PDP-11 MACRO-11 6-29 to 6-30
 I/O Drivers 2-36

 MCR Operations 3-127
 I/O Drivers 2-34, 10-6

 PDP-11 MACRO-11 A-1 to A-3
 PDP-11 MACRO-11 3-1 to 3-3
 PDP-11 MACRO-11 A-4 to A-5

 Task Builder B-9
 Command Language 5-11, 5-65, 5-74,
 6-68

MASTER INDEX

Checkpoint
 file (Cont.)
 allocating
 number of blocks
 discontinuing
 example
 freeing
 space
 allocating

Checkpoint Common Region
 directive

Checkpoint File Header

Checkpointable task
 specifying a

Checkpointing

 during buffered I/O

 during terminal input

 dynamic common regions

 dynamic space allocation

 static common regions

 tasks

Checksum
 calculating
 SLP utility
 file content validating
 PAT utility

CHGC command

CHNGCASE function
 select range

CINT\$ directive

Circumflex (^)

 cross-reference listing

 global cross-reference
 of an overlaid task

Circumflex (^) and error message

Circumflex (^) command

CIS
 See Commercial Instruction Set

\$CKBFB routine

\$CKBFI routine

\$CKBFR routine

\$CKBFW routine

/CKP keyword
 INSTALL command
 VMR

RUN command

CL command
 EDI editor

CL:
 pseudo device

/CLE keyword
 SWR command

CLEAR command
 CON utility
 command line format
 example

RMSDES utility

 defining areas by default
 in indirect command file

MCR Operations 3-8

MCR Operations 3-8

MCR Operations 3-8

MCR Operations 3-8

MCR Operations 3-9

MCR Operations 3-8

Task Builder 10-6, 10-10

Executive 5-34

I/O Operations E-2

Task Builder 10-6, 10-10

Introduction 5-6 to 5-7, 5-9,
 Gloss-2, Gloss-6

Command Language 5-11, 6-68

System Generation C-1

Executive 2-11

I/O Drivers 3-31

System Management 14-3

System Generation C-6

System Management 14-3

System Management 14-3

Utilities 13-3

Utilities 14-6

EDT Editor 8-6

EDT Editor 2-18, 5-48

EDT Editor 2-18

Executive 5-18 to 5-19

Writing I/O Driver 1-1

Introduction 1-4, Gloss-6

Command Language 3-15, 3-18

Task Builder 10-12 to 10-13

Task Builder 4-13

EDT Editor A-1

EDT Editor 8-25

ODT 2-5, 4-4

Writing I/O Driver 7-12

Writing I/O Driver 7-12

Writing I/O Driver 7-12

Writing I/O Driver 7-12

MCR Operations 3-96

System Management 10-21

MCR Operations 3-155

Utilities 2-29

Command Language 5-6

MCR Operations 3-221

EDT Editor 7-2

System Management 15-8

System Management 15-8

System Management 15-8

RMS-11 Utilities 2-6, 2-18, 2-25
 to 2-26

RMS-11 Utilities 2-44

RMS-11 Utilities 2-4

MASTER INDEX

CLEAR command
 RMSDES utility (Cont.)
 PROTECTION attribute
 with CREATE
 with SAVE
 Clear Event Flag directive
 Clear relocation register
 Clearing attributes (RMSDES)
 See Attribute, clearing
 Clearing screen with CTRL/W
 Clearing terminal end of file
 CLEF\$
 /CLI
 keyword
 HELP command
 INSTALL command
 VMR
 SET command
 switch
 Indirect
 CLI

 See also DCL
 adding to account entry
 alternate
 SYSGEN question
 changing
 contained in account entry
 continuation lines
 data structures
 initializing
 removing
 DCL
 default
 resetting
 specifying
 definition
 disabling
 displaying
 command line
 eliminating
 enabling
 example
 FORTRAN
 MACRO-11
 Executive directives
 information
 displaying
 installing

 interaction with system
 MCR

 multi-CLI support
 prompting
 removing
 serial command processing
 setting up
 status bit
 list
 system messages to
 task names
 writing

 RMS-11 Utilities 2-33
 RMS-11 Utilities 2-8, 2-28
 RMS-11 Utilities 2-27
 Executive 5-28
 ODT 2-10

 EDT Editor 5-8
 I/O Operations 4-25
 Executive 5-28
 Crash Dump Analyzer 2-1

 MCR Operations 3-67
 MCR Operations 3-97
 System Management 10-22
 MCR Operations 3-177

 MCR Operations 4-19
 EDT Editor 2-2
 Introduction 1-5, 1-8, Gloss-6
 Command Language 1-1
 System Management 11-1, 11-3 to 11-4

 System Management 2-3
 System Management 12-2
 System Generation 3-26
 System Management 2-5
 System Management 2-1
 System Management 11-8

 MCR Operations 3-37
 MCR Operations 3-36
 Program Development 1-1 to 1-3

 MCR Operations 3-31
 MCR Operations 3-177
 Batch and Queue Gloss-2
 MCR Operations 3-36, 3-38
 System Management 2-4
 MCR Operations 4-3
 MCR Operations 3-36
 MCR Operations 3-37
 System Management 11-10 to 11-20
 System Management 11-15 to 11-20
 System Management 11-10 to 11-15
 System Management 11-3

 MCR Operations 3-40
 MCR Operations 3-97
 System Management 10-22
 System Management 11-3 to 11-4
 Program Development 1-1 to 1-3
 System Management 2-3
 System Management 2-1, 2-3, 2-5
 System Management 11-7 to 11-9
 System Management 10-35
 System Management 11-9
 MCR Operations 3-36

 MCR Operations 3-40
 System Management 11-5 to 11-7
 System Management 11-4
 System Management 11-3

MASTER INDEX

CLI command	MCR Operations 3-36
command line format	MCR Operations 3-36
error message	MCR Operations 3-41
example	MCR Operations 3-41
keyword	
/DISABLE	MCR Operations 3-36
/ELIM	MCR Operations 3-36
/ENABLE	MCR Operations 3-37
/INIT	MCR Operations 3-37
/MESSAGE	MCR Operations 3-40
/SHOW	MCR Operations 3-40
/UNOVR	MCR Operations 3-41
subkeyword	
/CPR	MCR Operations 3-37
/DISABLE	MCR Operations 3-38
/DPR	MCR Operations 3-38
/LGO	MCR Operations 3-38
/MESSAGE	MCR Operations 3-39
/NULL	MCR Operations 3-39
/PRIV	MCR Operations 3-39
/PROMPT	MCR Operations 3-39
/QUIET	MCR Operations 3-39
/RESTRICT	MCR Operations 3-40
/SNGL	MCR Operations 3-40
/TASK	MCR Operations 3-40
CLI parser block dump	Crash Dump Analyzer 3-2, 3-31
<CLI> symbol	MCR Operations 4-13
\$CLINS routine	Writing I/O Driver 7-13
CLKDFS	Crash Dump Analyzer C-10
	Writing I/O Driver A-11
Clock	
system	
SYSGEN question	System Generation 3-29
Clock queue	Command Language 7-12 to 7-15, 7-23, 7-60, 9-37
information	
displaying	MCR Operations 3-43
CLOCK QUEUE command	MCR Operations 3-43
Clock queue control block	
offset definitions	Writing I/O Driver A-11
Clock queue dump	Crash Dump Analyzer 3-50
Clock queue switch	Crash Dump Analyzer 2-3
CLOSE & DELETE command	
EDI editor	Utilities 2-30
CLOSE command	
EDI editor	Utilities 2-27, 2-29
.CLOSE directive	MCR Operations 4-29
format	MCR Operations 4-29
\$CLOSE macro	RMS-11 Macros 5-3
CLOSE operation	RMS-11 Introduction 4-2
	RMS-11 User's Guide 1-18
	RMS-11 Macros 3-8
	RMS-11 Macros 2-8
	RMS-11 Macros 5-3
	RMS-11 Macros 2-7
	RMS-11 Macros 3-10
	Utilities 2-30
BDB requirement	I/O Operations 4-22
\$CLOSE macro	I/O Operations 2-7
I/O buffer requirement	I/O Operations 3-18
wildcard loop	I/O Operations 3-18
CLOSE SECONDARY command	
EDI editor	Utilities 2-30
CLOSE\$	
automatic file truncation	
effect of on F.CNTG	
format	
macro call	
CLOSES command	
EDI editor	
Closing	
location	ODT 4-2

MASTER INDEX

Closing
 location (Cont.)
 definition
 open location
 /CLQ
 CLQ command
 command line format
 example
 CLSTR option
 Cluster library

 See also Library
 Cluster size
 See RTV field in FAB
 CLUSTER SIZE
 RMSDES utility
 Clustering
 new RMS support
 /CM switch
 SLP utility
 CM/CR11 card reader
 SYSGEN question
 /CMD keyword
 RUN command
 CMKT\$
 /CMP switch
 DSC utility
 CMP utility

 See also DIFFERENCES command
 command line
 error message
 output file format
 switch
 default
 \$CMPAL
 completion routine
 CMPAL option
 \$CMPCS
 completion routine
 CMPCS module
 CMPRT option
 use in CSM library
 use in supervisor-mode library
 CNCT\$
 %CND function
 CND symbolic argument
 CNF
 DSC64K.SYS and
 See DSC utility
 stand-alone BRU and
 See BRU utility
 switches
 .CNF module
 %CNV function
 %CNV\$RSXTIME
 %CNV\$STRING
 %CNV\$VMSTIME
 /CO file switch
 PRI command
 QUE /MOD command
 /CO job switch
 PRI command
 QUE /MOD command
 /CO switch
 CMP utility
 FLX utility

 ODT 4-1
 ODT 2-5, 4-2
 Crash Dump Analyzer 2-1
 MCR Operations 3-43
 MCR Operations 3-43
 MCR Operations 3-43
 Task Builder 11-8 to 11-9
 Task Builder 5-44
 RMS-11 User's Guide 8-7 to 8-9

 RMS-11 Utilities 2-31

 Release Notes 2-1
 Task Builder 10-8
 Utilities 13-15

 System Generation 3-44

 MCR Operations 3-155
 Executive 5-29

 Utilities 8-14
 Command Language 4-69 to 4-75,
 9-13

 Utilities 12-1
 Utilities 12-6
 Utilities 12-4
 Utilities 12-2
 Utilities 12-4

 Task Builder 8-8 to 8-9
 Task Builder 8-9

 Task Builder 8-8
 Task Builder 8-9
 Task Builder 8-9, 11-10
 Task Builder 8-3, 8-8
 Task Builder 8-7
 Executive 5-31
 Error Logging 5-17
 PDP-11 MACRO-11 6-12
 System Generation 2-7

 System Generation 2-7
 Error Logging 4-1
 Error Logging 5-17 to 5-18
 Error Logging 5-19
 Error Logging 5-19
 Error Logging 5-19

 Batch and Queue 2-6
 Batch and Queue 2-21

 Batch and Queue 2-4
 Batch and Queue 2-20
 Task Builder 10-9
 Utilities 12-2
 Utilities 4-6

MASTER INDEX

/CO switch (Cont.)	Utilities 10-10
LBR utility	Utilities 3-11
PIP utility	
CO:	
pseudo device	Command Language 5-6
COBOL	Introduction 4-12
COBOL command	Introduction 4-13
	Command Language 6-2, 6-21 to 6-32, 9-6 to 9-7
COBOL-81 compiler	
building	Release Notes 1-40
%COD	Error Logging 5-19
COD field in ALL block	
offset	RMS-11 Macros 6-2
summary	
XB\$ALL code	RMS-11 Macros 6-10
COD field in DAT block	
offset	RMS-11 Macros 6-14
summary	
XB\$DAT code	RMS-11 Macros 6-17
COD field in KEY block	
offset	RMS-11 Macros 6-67
summary	
XB\$KEY code	RMS-11 Macros 6-70
COD field in PRO block	
offset	RMS-11 Macros 6-108
summary	
XB\$PRO code	RMS-11 Macros 6-110
COD field in SUM block	
offset	RMS-11 Macros 6-145
summary	
XB\$SUM code	RMS-11 Macros 6-147
Code	
access	Task Builder 2-4 to 2-5
allocation	Task Builder 2-4 to 2-5
relocation	Task Builder 2-4
scope	Task Builder 2-4, 2-7
type	Task Builder 2-5, 2-7
Code and mask symbol	
declaring	
ALL block	RMS-11 Macros C-3 to C-4
DAT block	RMS-11 Macros C-3 to C-4
FAB	RMS-11 Macros C-1
KEY block	RMS-11 Macros C-3 to C-4
NAM block	RMS-11 Macros C-2
PRO block	RMS-11 Macros C-3 to C-4
RAB	RMS-11 Macros C-2
SUM block	RMS-11 Macros C-3 to C-4
XAB	RMS-11 Macros C-4
value	
ALL block	RMS-11 Macros 6-2
DAT block	RMS-11 Macros 6-14
FAB	RMS-11 Macros 6-22
KEY block	RMS-11 Macros 6-67
NAM block	RMS-11 Macros 6-94
PRO block	RMS-11 Macros 6-108
RAB	RMS-11 Macros 6-115
SUM block	RMS-11 Macros 6-145
Code sharing	PDP-11 MACRO-11 6-45
Code symbol	
See Code and mask symbol	
Coding standard	
COLOG	PDP-11 MACRO-11 E-1 to E-16
stopping	
using SHUTUP	System Management 8-6
/COLOG keyword	
SET command	MCR Operations 3-177

MASTER INDEX

Colon (:)
 DCL
 %COM
 COM symbolic argument
 Comma (,)
 See also ODL operator
 COMMAN symbol
 Command

 See also individual command entries
 See also RMSDES
 correcting mistake
 DCL
 adding to

 definition

 deleting from
 modifying
 tables

 file
 indirect
 interaction with indirect level of indirection
 with ODL
 keypad editing
 See also Function
 library
 default file type for
 line
 CLI
 displaying
 comment in

 compressing
 extending
 form
 format
 Indirect
 interpreter
 See CLI
 multi-line input
 option input
 output file interpretation
 parsing
 passing
 processing
 from another file
 parallel
 serial
 quotation marks in
 substitution in
 controlling format of terminating
 terminating character
 to build a task
 UFD convention
 VMR
 comment in
 line editing
 MCR
 summary
 testing in UETP
 multiple

 Command Language 3-16
 Command Language 1-9
 Error Logging 5-20
 PDP-11 MACRO-11 6-11
 ODT 2-4

 MCR Operations 4-17
 Introduction 1-1, 1-4, 2-4, Gloss-7

 EDT Editor 5-47

 System Management 12-7, 12-9 to 12-11
 System Management 12-7, 12-9 to 12-11
 System Management 12-12
 System Management 12-12
 System Management 12-6 to 12-12, 12-17 to 12-20, 12-46 to 12-47

 Task Builder 1-5
 Task Builder 1-5 to 1-6
 Task Builder 1-7
 Task Builder 3-30
 EDT Editor 1-9

 MCR Operations 4-19
 MCR Operations 4-20
 MCR Operations 1-1

 MCR Operations 4-3
 MCR Operations 1-4
 Task Builder 1-8
 MCR Operations 1-2
 MCR Operations 1-2, 2-4
 Task Builder 1-2
 MCR Operations 2-3
 MCR Operations 4-21

 Task Builder 1-3
 Task Builder 1-3
 Task Builder 1-3
 MCR Operations 1-2, 1-5, 4-46
 MCR Operations 3-155

 MCR Operations 4-28
 MCR Operations 3-205
 MCR Operations 3-204
 MCR Operations 1-2
 MCR Operations 4-17
 MCR Operations 4-18
 MCR Operations 1-2
 Task Builder 1-3, 1-5 to 1-6
 Task Builder 1-2
 Task Builder 1-9
 System Management 10-4
 System Management 10-5
 EDT Editor 1-9, 2-20, 7-1

 MCR Operations 1-5
 System Management 9-3

MASTER INDEX

Command

multiple (Cont.)
 for Console Logger
 name
 VMR
 nokeypad editing
 ODT
 at sign (@)
 B
 cancel
 circumflex (^)
 D
 E
 equal sign (=)
 F
 G
 I
 K
 L
 line feed
 N
 O
 P
 R
 relative branch location (>)
 return from calculated
 location (<)
 return key
 S
 U
 underscore (_)
 V
 W
 X
 Z
 parameter
 VMR
 procedure
 DIGITAL-supplied
 invoking
 universal library of
 processing
 range specification
 RMSDES utility
 sequence
 comments in
 simple
 structure of nokeypad
 truncating
 use of
 VMR
 summary
 Command dispatcher
 Command file
 creating
 default
 EDTINI.EDT
 startup
 Command file qualifier
 DCL
 MCR
 Command format
 MAC task
 Command function
 Command language
 kinds of

System Management 3-6

System Management 10-4

EDT Editor 1-10, 2-36, 8-1, 8-5

ODT 2-4

ODT 2-5, 4-4

ODT 2-8, 3-1 to 3-2

ODT 2-8

ODT 2-5, 4-4

ODT 2-8

ODT 2-8, 6-3

ODT 2-8, 7-2

ODT 2-9, 6-4

ODT 2-9, 3-2

ODT 2-9

ODT 2-9, 7-1

ODT 2-9, 6-4

ODT 2-5, 4-4

ODT 2-10, 6-3

ODT 2-10, 7-1

ODT 2-10, 3-2 to 3-3

ODT 2-10

ODT 2-6

ODT 2-6

ODT 2-5, 4-2

ODT 2-10, 3-3

ODT 2-11

ODT 2-5, 4-5

ODT 2-11

ODT 2-11, 6-3

ODT 1-4, 2-11

ODT 2-11

MCR Operations 1-2

System Management 10-4

MCR Operations 4-20

MCR Operations 4-21

MCR Operations 4-19

MCR Operations 1-5

EDT Editor 6-7

RMS-11 Utilities 2-1, 2-4

Task Builder 1-8

Task Builder 1-2

EDT Editor 8-4

Introduction 1-12

EDT Editor 1-9

System Management 10-5

Introduction Gloss-7

EDT Editor 4-9

EDT Editor 4-9

EDT Editor 4-9

EDT Editor 1-5, 4-1

EDT Editor 1-5, 4-1

EDT Editor 4-2

EDT Editor 4-5

PDP-11 MACRO-11 8-4 to 8-7

EDT Editor 2-20, 5-47

EDT Editor 2-2

MASTER INDEX

Command level	EDT Editor 2-3
list of prompts	EDT Editor 5-54
returning to	EDT Editor 2-2, 4-1
Command line	EDT Editor 4-2
DCL format	EDT Editor 4-2 to 4-3
DCL qualifier	EDT Editor 2-2
EDT editor	EDT Editor 4-7
example	Utilities 1-4
format	I/O Operations 7-8
ignoring blanks and tabs	EDT Editor 4-4
MCR format	EDT Editor 4-5 to 4-6
MCR qualifier	EDT Editor 3-1
RECOVER qualifier	
Command Line Interpreter	
See CLI	
COMMAND LINE INTERPRETER command	MCR Operations 3-36
Command line interpreter switch	Crash Dump Analyzer 2-3
Command line parsing	
error	I/O Operations 6-21
Command line processing	I/O Operations 6-1
data flow during	I/O Operations 6-2
COMMAND qualifier	
DCL	EDT Editor 4-3
MCR	EDT Editor 4-6
Command qualifier	Introduction 2-3, Gloss-7, Gloss-27
Command ring	
SYSGEN question	System Generation 3-43
Command semantic parser	I/O Operations 6-19 to 6-20
Command string	
RMSBCK utility	RMS-11 Utilities 6-2 to 6-3
RMSCNV utility	RMS-11 Utilities 4-3 to 4-4
RMSDEF utility	RMS-11 Utilities A-5
RMSDSP utility	RMS-11 Utilities 5-2 to 5-3
RMSIFL utility	RMS-11 Utilities 3-2 to 3-3
checking	RMS-11 Utilities 3-9
RMSRST utility	RMS-11 Utilities 7-2 to 7-3
Command String Interpreter (CSI)	
See also CSI	
change to	I/O Operations 6-13
Command String Syntax Analyzer	Release Notes 1-33
Command summary	I/O Operations 6-18 to 6-19
Command utility	Batch and Queue 4-1
messages	
RMSBCK utility	RMS-11 Utilities C-1
RMSCNV utility	RMS-11 Utilities 6-1
RMSDSP utility	RMS-11 Utilities 4-1
RMSIFL utility	RMS-11 Utilities 5-1
RMSRST utility	RMS-11 Utilities 3-1
Comment	RMS-11 Utilities 7-1
block directive	MCR Operations 1-4
card reader format	PDP-11 MACRO-11 6-18
DCL	PDP-11 MACRO-11 6-19
delimiter	Command Language 1-11
field	PDP-11 MACRO-11 3-2
in command sequence	PDP-11 MACRO-11 2-1, 2-4 to 2-5
in line	Task Builder 1-8
indirect command file with	Task Builder 1-8
VMR	MCR Operations 4-3
Comment in batch job	System Management 10-5
example	
format	Batch and Queue 3-12
	Batch and Queue 3-12

MASTER INDEX

COMMENTS argument
 Commercial Instruction Set (CIS)
 Commercial-at sign (@)
 Common
 See also Region
 allocation diagram
 assigning references
 building a linking task
 building and linking to
 building and linking to a
 device
 device
 See also Device common
 directive
 fixing
 removing
 establishing offset in
 in MACRO-11
 building and linking to
 See also Region
 installing in RSX-11M-PLUS
 library
 displaying
 linking to region
 map
 partition
 protecting
 PSECT
 building a linking task
 region
 displaying
 fixing
 protecting
 read-only
 specifying
 status bit
 list
 task
 sharing
 unfixing
 resident
 declaring
 name block data
 shareable
 specifying a
 typical
 Common block attached
 determining region ID of
 Common Block Directory
 See also CBD
 COMMON BLOCK DIRECTORY command
 Common block directory dump
 Common event flag
 reading
 COMMON option
 Common region
 force checkpointing
 PDP-11 MACRO-11 8-11
 PDP-11 MACRO-11 C-3 to C-4
 Command Language 3-16
 Task Builder 5-1, 5-26 to 5-31
 Task Builder 5-20
 Task Builder 5-23
 Task Builder 5-21 to 5-22
 Task Builder 5-14, 5-17 to 5-18
 Task Builder 5-26 to 5-31
 Task Builder 5-26 to 5-31
 System Management 10-19
 System Management 10-34
 Task Builder 5-28
 Task Builder 5-17 to 5-18
 Task Builder 5-2 to 5-3, 5-20
 MCR Operations 3-34
 Task Builder 5-14
 Task Builder 5-19
 System Management 14-1
 System Management 10-23
 Task Builder 5-23
 Task Builder 2-19
 MCR Operations 3-34
 MCR Operations 3-55
 System Management 10-19
 MCR Operations 3-98
 MCR Operations 3-99
 System Management 10-24
 MCR Operations 3-34
 MCR Operations 3-100
 System Management 10-25
 MCR Operations 3-230
 System Management 10-74
 Command Language 7-61, 9-37
 Task Builder 5-1 to 5-2
 Task Builder 11-11, 11-28
 Task Builder B-8
 Command Language 6-73
 Task Builder 10-9
 Task Builder 5-2
 Executive 5-16
 MCR Operations 3-34
 MCR Operations 3-34
 Crash Dump Analyzer 3-36
 Executive 5-127
 Task Builder 11-11 to 11-12
 Executive 5-34

MASTER INDEX

Communications
 SYSGEN question
 Communications device
 SYSGEN question
 Communications Executive
 See CEX
 \$COMPARE macro
 example

 /COMPARE qualifier
 BRU utility
 COMPAREDATA YES/NO command
 IOX
 Compatibility
 file specification
 Compilation path
 RSX-11M-PLUS
 Compile
 Compiled program
 fixed line number
 Compiler
 See also High-level language
 BASIC-PLUS-2

 COBOL-81

 COBOL/C11

 CORAL 66

 F4P

 F77

 FOR

 FORTRAN IV

 FORTRAN IV-PLUS

 FORTRAN-77
 PDP-11 COBOL

 Compiler conditional
 literal declaration
 Complement
 See One's or Two's complement
 Completion
 handler
 return macro
 declaring
 symbol
 declaring
 Completion routine
 \$CMPAL

 \$CMPCS
 content of a
 CSM library
 definition
 identification
 name
 supervisor-mode library
 user-written
 Completion status
 See STS field in FAB
 See also STS field in RAB

System Generation 3-24

 System Generation 3-63

 RMS-11 Macros 2-16
 RMS-11 Macros 7-3, 7-7, 7-11,
 7-15

 Utilities 7-14

 System Management 4-27

 RMS-11 User's Guide A-2, A-4

 Error Logging 4-12
 Command Language 6-1

 EDT Editor 6-3
 Introduction 4-3, Gloss-7

 Command Language 6-2, 6-12 to
 6-13
 Command Language 6-2, 6-21 to
 6-27, 9-6
 Command Language 6-2, 6-27 to
 6-32, 9-7
 Command Language 6-2, 6-32 to
 6-39, 9-9
 Command Language 6-2, 6-13 to
 6-20, 9-16
 Command Language 6-2, 6-13 to
 6-20, 9-16
 Command Language 6-2, 6-13 to
 6-20, 9-16
 Command Language 6-2, 6-13 to
 6-20, 9-16
 Command Language 6-2, 6-13 to
 6-20, 9-16
 Command Language 6-13 to 6-20
 Command Language 6-2, 6-27 to
 6-32, 9-7

 Error Logging 4-12

 RMS-11 Macros 2-17

 RMS-11 Macros C-2

 RMS-11 Macros C-3

 Task Builder 8-2, 8-8 to 8-9,
 8-18
 Task Builder 8-2, 8-8
 Task Builder 8-12 to 8-14
 Task Builder 8-13
 Task Builder A-11
 Task Builder A-11
 Task Builder A-11
 Task Builder 8-2, 8-7
 Task Builder 8-21

MASTER INDEX

Completion status (Cont.)
 See STV field in FAB
 See also STV field in RAB
 Complex relocatable expression
 Complex relocation
 entry
 operation codes
 Compression
 RMSIFL utility
 Computational function
 CON command
 VMR
 CON utility

command
 BUILD
 CLEAR
 DISPLAY
 ESTATUS
 HELP
 IDENT
 line
 LINK
 LIST
 OFFLINE
 OFFLINE MEMORY
 ONLINE
 ONLINE MEMORY
 SET
 summary
 SWITCH
 UNLINK
 error message
 invoking
 indirect command file
 interactively
 overview
 switch
 task-build time
 displaying
 version number
 displaying
 CON symbolic argument
 Concatenated object module
 using to reduce overhead
 CONCATENATION CHARACTER command
 EDI editor
 Concatenation indicator
 Concurrent I/O
 activity
 error logging
 Conditional assembly
 block
 directive
 case sensitivity control
 nested
 immediate
 Conditional declaration
 Conditional fork
 necessity
 Conditional function
 CONDITIONALS argument

PDP-11 MACRO-11 3-18
 PDP-11 MACRO-11 4-1
 Task Builder A-22
 Task Builder A-23
 Task Builder A-22
 RMS-11 User's Guide 5-10, 5-16,
 6-7, 6-9
 RMS-11 Utilities 3-11
 Error Logging 5-20
 System Management 10-12
 System Management 15-1
 Writing I/O Driver 1-18, 5-2, 5-7
 to 5-9
 System Management 15-7
 System Management 15-8
 System Management 15-9
 System Management 15-12
 System Management 15-14
 System Management 15-15
 System Management 15-4
 System Management 15-16
 System Management 15-17
 System Management 15-18
 System Management 15-20
 System Management 15-21
 System Management 15-23
 System Management 15-24
 System Management 15-5
 System Management 15-26
 System Management 15-27
 System Management 15-36
 System Management 15-4
 System Management 15-4
 Writing I/O Driver 1-18
 System Management 15-6
 System Management 15-15
 System Management 15-15
 PDP-11 MACRO-11 6-42
 Task Builder F-4
 Utilities 2-30
 PDP-11 MACRO-11 3-3
 Writing I/O Driver 1-13
 Error Logging 4-22, 4-24
 Error Logging 1-5
 PDP-11 MACRO-11 6-50 to 6-54,
 6-56
 PDP-11 MACRO-11 7-3
 PDP-11 MACRO-11 6-50 to 6-56
 Writing I/O Driver 4-2
 PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 6-52
 PDP-11 MACRO-11 6-56
 Error Logging 5-30
 Writing I/O Driver 1-17 to 1-18
 Writing I/O Driver 1-17
 Error Logging 5-17
 PDP-11 MACRO-11 8-11

MASTER INDEX

<CONFIG> symbol	MCR Operations 4-13
Configuration	System Management 4-28
of devices in IOX	Writing I/O Driver 5-10 to 5-11
peripheral	
choosing	System Management 15-21
system	System Management 15-18
device	System Management 15-7, 15-17
adding	System Management 15-9
removing	System Management 15-23
duplicating	System Management 15-20
information	
displaying	System Management 10-12
memory box	System Management 10-12, 10-14
adding	System Management 10-13, 10-15
removing	
CONFIGURATION command	System Management 10-12
VMR	System Management 10-12
command line format	System Management 10-15
example	
keyword	System Management 10-12
CONTROLLERS	System Management 10-12
CPU	System Management 10-15
CSR	System Management 10-12
FULL	System Management 10-12
UNITS	System Management 10-12
VEC	System Management 10-15
Configuration program	
See CNF	
Configuration worksheet	System Generation A-1 to A-8
CONFIGURE command	System Management 4-28
IOX	Executive 5-31
Connect directive	RMS-11 Macros 5-6
\$CONNECT macro	RMS-11 Introduction 4-4
CONNECT operation	RMS-11 User's Guide 1-15
	RMS-11 Macros 2-8
BDB requirement	RMS-11 Macros 4-13
block stream	RMS-11 Macros 5-6
\$CONNECT macro	RMS-11 Macros 2-7
I/O buffer requirement	RMS-11 User's Guide 7-2
indexed files	RMS-11 Macros 2-5
IRAB requirement	RMS-11 Macros 2-6
key buffer requirement	RMS-11 Macros 4-8
record stream	RMS-11 User's Guide 4-7
relative files	RMS-11 User's Guide 3-7
sequential files	
Connect to Interrupt Vector	Executive 5-18
directive	Executive 4-3
Connecting and passing status	Writing I/O Driver 1-17
Connectivity mask	
Console	System Management 3-2
driver	System Management 3-4
loading of	
log assignment	System Management 3-3
displaying	System Management 3-4
logging	System Management 3-3
command	System Management 3-6
descriptions of	
general format of	System Management 3-9
summary of	System Management 3-4
multiple commands	System Management 3-3
session	System Management 3-6
example	
starting	System Management 3-9
stopping	System Management 3-4
output	System Management 3-5
device	
active Console Logger	System Management 3-1
	System Management 3-1

MASTER INDEX

Console	
output	
device (Cont.)	
as a pseudo device	System Management 3-1
as affected by REDIRECT	System Management 3-1
control of I/O	System Management 3-1
determining	System Management 3-7
MCR REDIRECT restriction	System Management 3-8
redirecting	System Management 3-7
redirecting with MCR	
REDIRECT	System Management 3-8
status of	System Management 3-7
device I/O	
controlled by Console	
Logger	System Management 3-2
task	System Management 3-1
communication with	System Management 3-2
installed by SYSGEN	System Management 3-2
selecting in SYSGEN	System Management 3-2
terminal	
attaching to	System Management 3-3
detaching from	System Management 3-3
disabling	System Management 3-5
displaying assignment	System Management 3-4
reading from	System Management 3-3
reassigning	System Management 3-5
task communication to	System Management 3-2
writing to	System Management 3-2
Console driver	
SYSGEN question	System Generation 3-25
Console Logger	System Management 3-1
aborting restriction	System Management 3-5
communication with	System Management 3-2
communication with a task	System Management 3-2
console output device affect on	System Management 3-1
controlling I/O to CO:	System Management 3-2
effect when active	System Management 3-1
error messages from	System Management 3-11 to 3-13
Console switch register	Executive 5-93
Constant register	ODT 2-6, 5-3, 7-3
indicator	ODT 7-3
Container file	
RMSBCK utility	RMS-11 Utilities 6-1, 6-3, 6-7
RMSDSP utility	RMS-11 Utilities 5-1, 5-3 to 5-4
detailed display	RMS-11 Utilities 5-4
RMSRST utility	RMS-11 Utilities 7-3, 7-9 to 7-10
CONTENTS argument	PDP-11 MACRO-11 8-11
Contents of location	
See Location	
Context	
block	
readable block	RMS-11 Introduction 4-5
writable block	RMS-11 User's Guide 1-9, 1-15
block stream	RMS-11 Introduction 4-7
CONNECT operation	RMS-11 Introduction 4-7
current record	RMS-11 Introduction 4-7
	RMS-11 Macros 4-12
	RMS-11 User's Guide 3-7, 4-7, 7-2
	RMS-11 Introduction 4-5
	RMS-11 User's Guide 1-9, 1-15
	RMS-11 User's Guide 4-7, 7-3
	RMS-11 User's Guide 3-7, 4-8
	RMS-11 User's Guide 3-8, 4-8, 7-3
	RMS-11 User's Guide 3-9, 4-10,
	7-5
	RMS-11 User's Guide 3-10, 4-11,
	7-5
	RMS-11 Introduction 4-5
	RMS-11 User's Guide 1-9, 1-15
DELETE operation	
DISCONNECT operation	
FIND operation	
FLUSH operation	
GET operation	
next record	

MASTER INDEX

Context (Cont.)
 PUT operation
 record stream
 REWIND operation
 TRUNCATE operation
 UPDATE operation

Contiguity
 See also FB\$CTG mask in FOP field
 See also XB\$CTG mask in AOP field
 indexed files
 relative files
 RMSCNV utility
 RMSDEF utility
 RMSIFL utility
 sequential files
 virtual

CONTIGUOUS
 RMSDES utility
 area section
 file section

Contiguous
 definition

Contiguous file

Contiguous KRB and SCB

Contiguous line range

Continuation bucket

Continuation line

See also Line continuation
 CLI

CONTINUE command

See also ON and IF commands
 format
 Shadow Recording

CONTINUE/DEBUG command
 IAS

Continuing
 program execution

Control
 IOX command
 category
 RCT table
 revector status code

Control and status register
 See CSR

Control block

ALL
 chaining
 DAT
 declaring
 examining
 FAB
 field
 See Field
 initializing
 KEY
 NAM
 PRO
 RAB

RMS-11 User's Guide 3-11, 4-11, 7-6
 RMS-11 Macros 4-3
 RMS-11 User's Guide 3-11, 4-12, 7-6
 RMS-11 User's Guide 3-12
 RMS-11 User's Guide 3-13, 4-12, 7-6
 RMS-11 User's Guide 1-19, 8-12

RMS-11 User's Guide 6-13
 RMS-11 User's Guide 4-4
 RMS-11 Utilities 4-2
 RMS-11 Utilities A-15
 RMS-11 Utilities 3-1, 3-6
 RMS-11 User's Guide 3-5
 RMS-11 Introduction 2-3

RMS-11 Utilities 2-46
 RMS-11 Utilities 2-35

Introduction Gloss-7
 Introduction 4-8
 Writing I/O Driver 2-2, 4-53
 EDT Editor 6-10
 RMS-11 User's Guide 5-5
 I/O Operations 6-5
 MCR Operations 1-2, 2-4

System Management 11-8
 Command Language 7-21 to 7-22, 9-8

Batch and Queue 3-8
 System Management 18-8

ODT 1-6

ODT 3-2

System Management 4-3

System Management 5-2

RMS-11 Introduction 4-7
 RMS-11 User's Guide 1-14, 2-2
 RMS-11 Macros 1-2
 RMS-11 Introduction 4-8
 RMS-11 Macros 2-12
 RMS-11 Introduction 4-8
 RMS-11 Macros 2-8
 RMS-11 Macros 2-15
 RMS-11 Introduction 4-8

RMS-11 Macros 2-8
 RMS-11 Introduction 4-8
 RMS-11 Introduction 4-8
 RMS-11 Introduction 4-8
 RMS-11 Introduction 4-8

MASTER INDEX

Control block (Cont.)	
setting up	
SUM	
Control character	
card reader	
list of	
OPEN command	
terminal	
Control command	
Control file	
universal library	
Control File Language	
See also CFL	
definition	
Control file module	
architecture	
compilation path	
CPU level module	
data subpacket	
definition	
device activity subpacket	
device ID subpacket	
device operation subpacket	
DEVSM1	
DEVUDA	
Dispatch	
dispatching	
DMPALL	
DSP1P1	
DSP2P1	
DSP4P1	
DSP5P1	
DSP6P1	
DSP7P1	
E1134	
E1144	
E117X	
E11XX	
ERRORM	
EUNKWN	
FINLP1	
FM1NM1	
FM1WM1	
FM2CM1	
FM3CM1	
FM4NM1	
FM4WM1	
FMTNP1	
format	
header subpacket	
INITM1	
interaction of interface	
literal declaration	
naming conventions	
Non-DIGITAL device module	
options	
PARS1M	
PARS2M	
PARS3M	
PARSEM	
program control flow	
PRS2AM	
PRS2BM	
recompilation	
SELTM1	
	RMS-11 Macros 2-10
	RMS-11 Introduction 4-8
	MCR Operations 2-14
	I/O Drivers 11-8
	I/O Drivers 11-9
	MCR Operations 3-138
	I/O Drivers 2-27, 2-33, 3-20,
	3-25
	Introduction 1-4, 1-17
	Error Logging 5-1
	Error Logging 4-2
	Error Logging 1-3
	Error Logging 4-1 to 4-2
	Error Logging 4-11
	Error Logging 4-7
	Error Logging 4-3
	Error Logging 4-1
	Error Logging 4-3
	Error Logging 4-3
	Error Logging 4-3
	Error Logging 4-7
	Error Logging 4-7
	Error Logging 4-3
	Error Logging 4-1
	Error Logging 4-8
	Error Logging 4-4
	Error Logging 4-5
	Error Logging 4-5
	Error Logging 4-5
	Error Logging 4-6
	Error Logging 4-6
	Error Logging 4-8
	Error Logging 4-8
	Error Logging 4-8
	Error Logging 4-8
	Error Logging 4-7
	Error Logging 4-8
	Error Logging 4-6
	Error Logging 4-6
	Error Logging 4-6
	Error Logging 4-6
	Error Logging 4-6
	Error Logging 4-6
	Error Logging 4-6
	Error Logging 4-6
	Error Logging 4-7
	Error Logging 5-1
	Error Logging 4-3
	Error Logging 4-7
	Error Logging 4-13
	Error Logging 4-12
	Error Logging 4-1
	Error Logging 4-1
	Error Logging 4-12
	Error Logging 4-4
	Error Logging 4-4
	Error Logging 4-4
	Error Logging 4-4
	Error Logging 4-10
	Error Logging 4-4
	Error Logging 4-4
	Error Logging 4-13
	Error Logging 4-4

MASTER INDEX

Control file module (Cont.)	Error Logging 4-7
SMRYEP	Error Logging 4-7
SMRYGP	Error Logging 4-7
SMRYHP	Error Logging 4-3
summary	Error Logging 4-3
task subpacket	EDT Editor 5-5
Control function	EDT Editor 10-1
redefining	EDT Editor 1-7
using	Writing I/O Driver 4-19 to 4-20
Control function mask	
Control information	I/O Operations 2-15
parameter to FDOP\$A	
Control key	
See CTRL key	
Control section	Task Builder A-5
name	Task Builder A-5
name entry	Error Logging 5-32
CONTROL statement	
CONTROL-C	
See CTRL/C	
CONTROL-O	
See CTRL/O	
CONTROL-Q	
See CTRL/Q	
CONTROL-R	
See CTRL/R	
CONTROL-S	
See CTRL/S	
CONTROL-U	
See CTRL/U	
CONTROL-Z	
See CTRL/Z	
Control-Z mode	MCR Operations 4-32
CONTROL_C command	
IOX	
effect on CTRL/C	
CONTROL_C YES/NO command	System Management 4-31
IOX	System Management 4-31
CONTROL_FIELD SIZE	
RMSDES utility	RMS-11 Utilities 2-37
Controller	Writing I/O Driver 1-4
access	Writing I/O Driver 1-10
delayed	Writing I/O Driver 1-11
dual support	Writing I/O Driver 1-11
access list	Writing I/O Driver 2-2
allowing parallel operations	Writing I/O Driver 2-2
assignment	Writing I/O Driver 1-11
busy/not busy	Writing I/O Driver 1-11 to 1-12
configuration status for	Writing I/O Driver 2-2
DEctape	I/O Drivers 6-1
SYSGEN question	System Generation 3-46
DEctape II	
SYSGEN question	System Generation 3-48
defining type	Writing I/O Driver 2-1
device	Introduction 5-12, Gloss-10
failure	
recovering	System Management 15-31
information	
displaying	System Management 15-9
placing	
off line	System Management 15-18
on line	System Management 15-21
status flag	
displaying	System Management 15-9
disk	
UDA50	I/O Drivers 5-4
group number	Writing I/O Driver 1-7

MASTER INDEX

Controller (Cont.)	
I/O count	Writing I/O Driver 1-12 to 1-13
interrupt vector	Writing I/O Driver 1-7
interrupts	Writing I/O Driver 1-11
IP11	
SYSGEN question	System Generation 3-54
LA180	
SYSGEN question	System Generation 3-49
2-level controllers	Writing I/O Driver 1-13
location of a CSR for a	Writing I/O Driver 2-2
LP11	
SYSGEN question	System Generation 3-49
LS11	
SYSGEN question	System Generation 3-49
LV11	
SYSGEN question	System Generation 3-49
maintaining hardware-specific	
information for	Writing I/O Driver 2-2
making accessible	Writing I/O Driver 5-6
memory box	
information	
displaying	System Management 15-9
MSCP-type	
SYSGEN question	System Generation 3-42
name	Writing I/O Driver 2-1
number	Writing I/O Driver 1-5
placing on line	Writing I/O Driver 5-7
reassignment and load sharing	Writing I/O Driver 1-11
RH-type	
SYSGEN question	System Generation 3-31
RK11	
SYSGEN question	System Generation 3-37
RK611/711	
SYSGEN question	System Generation 3-38
RL11/RLV11	
SYSGEN controller	System Generation 3-40
RX11	
SYSGEN question	System Generation 3-47
RX211	
SYSGEN question	System Generation 3-48
status	Writing I/O Driver 1-11
subcontroller device	Writing I/O Driver 1-13
block	Writing I/O Driver 1-13
supporting more than one device	Writing I/O Driver 1-12
TC11	
SYSGEN question	System Generation 3-46
TM/TMA/TMB11	
SYSGEN question	System Generation 3-51
TU58	
SYSGEN question	System Generation 3-48
Controller mnemonic	
format	System Generation 3-31
Controller Request Block	
See KRB	
Controller request queue	Writing I/O Driver 1-11, 2-2
Controller status change	
entry point	Writing I/O Driver 4-66 to 4-68
overview	Writing I/O Driver 2-6
Controller status extension 2	Writing I/O Driver 4-42
Controller status extension 3	Writing I/O Driver 4-41
Controller status word	Writing I/O Driver 4-48
Controller table	
See also CTB	
status byte	Writing I/O Driver 4-58
CONTROLLERS keyword	
CON command	

MASTER INDEX

CONTROLLERS keyword	
CON command (Cont.)	
VMR	
DISPLAY command	
CON	
Convention	
for using system directives	
macro name	
Conversion routine	
CONVERT command	
Converting files	
\$COP	
predefined syntax element in	
MML	
COP macro	
MML	
/COPIES file qualifier	
PRINT command	
SET QUEUE command	
Copy	
backup of generated system	
distribution kit	
on line	
stand alone	
magtape kit	
on line	
stand alone	
pregenerated kit	
RL02 kit to DU-type disk	
RL02 kit to RL02 disk	
RK07 disk kit	
on line	
stand alone	
COPY command	
DCL	
EDT editor	
COPY key	
Copying	
text	
EDT editor	
CORAL 66 command	
CORAL command	
CORIMG.SYS file	
\$COSEP	
predefined syntax element in	
MML	
\$COTB (Octal to binary)	
Cotree	
and main tree	
virtual address space	
global symbol resolution	
null root	
ODL statement	
from allocation diagram	
overlay	
segment	
affecting symbol search on	
segment loading	
Counter	
location	
definition	
modification	
COUNTER argument	
	System Management 10-12
	System Management 15-9
	Executive 5-5
	Executive 1-5
	Writing I/O Driver 1-15
	Command Language 4-43 to 4-49,
	9-8
	RMS-11 User's Guide 1-10, 1-12
	System Management 12-43
	System Management 12-29
	Batch and Queue 2-6
	Batch and Queue 2-21
	System Generation 4-3
	System Generation 2-6
	System Generation 2-14
	System Generation 2-7
	System Generation 2-14
	System Generation 2-7
	System Generation 5-2
	System Generation 5-2
	System Generation 2-17
	System Generation 2-11
	EDT Editor 2-35, 7-3
	Introduction 3-7
	Command Language 4-37 to 4-41,
	9-8
	Program Development 4-3
	Introduction 2-10 to 2-11
	Command Language 3-14
	Introduction 2-10 to 2-11
	Command Language 9-9
	Command Language 6-32 to 6-39
	Command Language 5-11, 5-65, 5-74
	System Management 12-44
	System Library 4-5
	Task Builder 3-31
	Task Builder 3-40
	Task Builder 3-17
	Task Builder 3-31
	Task Builder 3-39 to 3-40
	Task Builder 3-34 to 3-35
	Task Builder 10-19
	Task Builder 4-2
	Task Builder A-17
	Task Builder A-18
	PDP-11 MACRO-11 8-11

MASTER INDEX

/CP switch
 /CPB
 CPCR\$
 /CPR subkeyword
 CLI command
 CPU

 /CPU keyword
 OPEN command
 CPU keyword
 CON command
 VMR
 CPU-level
 dispatching module
 DSP5P1
 CPU/UNIBUS affinity
 /CR switch

 CRF utility
 LBR utility
 CR11
 Crash
 Crash causes
 halt instruction
 infinite loop
 processor trap
 restart procedure
 Crash Dump Analyzer
 See CDA
 Crash dump device
 on pregenerated kit
 SYSGEN question
 Crash Dump Routine
 Crash notification device
 Crash reason
 Resource Accounting
 CRASH statement
 \$CRAVL
 CRAW\$
 CRE argument to ORG\$ macro
 /CRE keyword
 FLA command
 Create Address Window directive
 CREATE command

 RMSDES utility

 defining areas by default
 defining areas explicitly
 INDEX AREA attribute
 key numbering
 LEVEL1 INDEX AREA attribute
 setting attributes
 with GET
 Create Group Global Event Flags
 \$CREATE macro
 CREATE operation

 and shared access
 BDB requirement
 \$CREATE macro
 declaring with ORG\$ macro
 file versions
 I/O buffer requirement
 IFAB requirement

 Task Builder 10-10
 Crash Dump Analyzer 2-1
 Executive 5-34

 MCR Operations 3-37
 Introduction 5-2, 5-4, 5-6 to 5-8,
 5-10, Gloss-8

 MCR Operations 3-139

 System Management 10-12

 Error Logging 4-11
 Error Logging 4-19
 Executive 5-128, 5-193
 PDP-11 MACRO-11 8-7
 Task Builder 10-11 to 10-13
 Utilities B-1
 Utilities 10-12
 I/O Drivers 11-1
 Introduction 1-22, Gloss-8

 Crash Dump Analyzer 1-2
 Crash Dump Analyzer 1-2
 Crash Dump Analyzer 1-2
 Crash Dump Analyzer 1-2

 Crash Dump Analyzer 1-1
 System Generation 5-35
 System Generation 3-28 to 3-29
 Crash Dump Analyzer 1-1
 Crash Dump Analyzer 1-1

 System Management 17-6
 Error Logging 5-41
 Crash Dump Analyzer 3-15
 Executive 5-36 to 5-39
 RMS-11 Macros 2-3

 MCR Operations 3-57
 Executive 5-36
 Introduction 2-2, 2-5, 2-16
 Command Language 4-10 to 4-11,
 9-10
 RMS-11 Utilities 2-7, 2-18, 2-28,
 2-31
 RMS-11 Utilities 2-44
 RMS-11 Utilities 2-43
 RMS-11 Utilities 2-41
 RMS-11 Utilities 2-38
 RMS-11 Utilities 2-41
 RMS-11 Utilities 2-21
 RMS-11 Utilities 2-10, 2-25
 Executive 5-40
 RMS-11 Macros 5-9
 RMS-11 Introduction 4-2
 RMS-11 User's Guide 1-18
 RMS-11 Macros 3-7
 RMS-11 User's Guide 2-6
 RMS-11 Macros 2-8
 RMS-11 Macros 5-9
 RMS-11 Macros 2-3
 RMS-11 User's Guide A-3
 RMS-11 Macros 2-7
 RMS-11 Macros 2-5

MASTER INDEX

CREATE operation (Cont.)
 remote access
 wildcard loop
 Create option
 ACNT
 Create Region directive
 Create Virtual Terminal directive
 CREATE/DIRECTORY command

 /CREATED qualifier
 BRU utility
 Creating
 files

 macro library
 object library
 object module
 FORTRAN IV
 MACRO-11
 source file
 FORTRAN IV
 MACRO-11
 skeleton
 task image

 Creating files
 See also Data file (RMSDES)
 RMSDEF utility
 Creation date
 See CDT field in DAT block
 RMSBCK utility
 CREF processor
 CRF symbolic argument
 CRF task
 CRF utility
 assembly cross-reference
 data processing
 error message
 global cross-reference
 MACRO-11/Task Builder
 SEND packet
 switch
 symbol table file
 CRGFS
 .CROSS directive
 Cross-reference
 directive
 global
 of overlaid task
 listing
 assembly
 asterisk in
 controlling output in
 equal sign in
 generating
 global
 number sign in
 specifying a
 Cross-Reference Processor
 See CRF utility
 /CROSS_REFERENCE qualifier
 CRP
 error recovery

 RMS-11 User's Guide B-2 to B-3
 RMS-11 Macros 3-10

 System Management 2-2
 Executive 5-42
 Executive 5-45
 Command Language 4-11 to 4-13,
 9-10

 Utilities 7-14

 Introduction 2-1, 2-16
 EDT Editor 2-20, 4-1
 I/O Operations 3-4, 3-7
 Program Development 6-1 to 6-3
 Program Development 6-4 to 6-6

 Program Development 7-5
 Program Development 3-4 to 3-6

 Program Development 7-2 to 7-3
 Program Development 2-12
 Program Development 2-12
 Program Development 1-6, 4-1 to
 4-2, 7-5 to 7-6
 RMS-11 User's Guide 1-10, 1-12

 RMS-11 Utilities A-19

 RMS-11 Utilities 6-8
 PDP-11 MACRO-11 8-16
 PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 8-16
 Program Development 1-8
 Program Development 3-7 to 3-8
 Utilities B-1
 Utilities B-5
 Program Development 4-5 to 4-6
 Utilities B-1
 Utilities B-4
 Utilities B-1
 Utilities B-3
 Executive 5-40
 PDP-11 MACRO-11 6-21 to 6-22

 PDP-11 MACRO-11 6-21 to 6-22

 Task Builder 4-12 to 4-14
 PDP-11 MACRO-11 3-12
 Program Development 3-7 to 3-8
 PDP-11 MACRO-11 8-17
 PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 8-17
 PDP-11 MACRO-11 8-16 to 8-17
 Program Development 4-5 to 4-6
 PDP-11 MACRO-11 8-17
 Task Builder 10-11

 PDP-11 MACRO-11 8-8
 Batch and Queue 3-23
 Batch and Queue 3-27

MASTER INDEX

CRP (Cont.)
 operation
 \$CRPKT
 CRRG\$
 /CRT keyword
 SET command
 VMR
 CRVT\$
 /CS switch
 PAT utility
 SLP utility
 .CSECT directive
 \$CSEP
 predefined syntax element in
 MML
 CSI
 numeric conversion
 CSI Control block
 CSI Run-time macro call
 CSI\$
 CSI\$1
 CSI\$2
 CSM library
 completion routine
 dispatching
 linking task
 example of
 supervisor-mode
 building
 .STB file
 CSR
 accessing of
 address
 BRUSYS default
 determining
 floating, assignment
 algorithm
 boot device
 specifying
 changing
 address space
 assignment
 error
 setting
 definition
 determining
 option
 SET command
 CON
 /CSR keyword
 SAVE command
 CSR keyword
 CON command
 VMR
 /CSR switch
 BAD utility
 DSC utility
 CSRQ\$
 /CTB
 use in LOAD
 CTB
 composite arrangement
 definition
 details
 format
 Batch and Queue 3-27
 Error Logging 4-23
 Executive 5-42
 MCR Operations 3-177
 System Management 10-48
 Executive 5-45
 Utilities 14-6
 Utilities 13-15
 PDP-11 MACRO-11 3-11, 6-46
 System Management 12-44
 I/O Operations 6-1, 6-13 to 6-14,
 6-18, 6-20 to 6-27, 6-29
 I/O Operations 6-28
 I/O Operations 6-14 to 6-17
 I/O Operations 6-18
 I/O Operations 6-14
 I/O Operations 6-18 to 6-19
 I/O Operations 6-18 to 6-21
 Task Builder 8-12 to 8-14
 Task Builder 8-19
 Task Builder 8-9
 Task Builder 8-7
 Task Builder 8-7 to 8-8
 Task Builder 8-8
 Writing I/O Driver 1-1
 Writing I/O Driver 1-1
 System Generation 2-7
 System Generation 3-31
 System Generation E-2
 MCR Operations 3-163
 System Management 10-12, 15-24
 Writing I/O Driver 1-1
 Writing I/O Driver 5-8
 Writing I/O Driver 5-6
 System Generation 1-13
 System Generation 2-1
 System Management 15-24
 MCR Operations 3-163
 System Management 10-15
 Utilities 6-8
 Utilities 8-21
 Executive 5-51
 Writing I/O Driver 5-14
 Writing I/O Driver 1-4
 Writing I/O Driver 2-15
 Writing I/O Driver 1-4
 Writing I/O Driver 4-53, 4-55 to
 4-59
 Writing I/O Driver 4-55 to 4-59

MASTER INDEX

CTB (Cont.)

layout
overview
requirement
system list
use in handling interrupts
use in LOAD
validation during LOAD

/CTB keyword

LOAD command

VMR

CTBDF\$

%CTL

/CTL

\$CTLST symbol

.CTRL

CTRL key

CTRL/A

CTRL/C

MCR

ODT

CTRL/C command

IOX

CTRL/D

CTRL/E

CTRL/G

CTRL/I

MCR

CTRL/J

CTRL/K

canceling operation of
description

example

MCR

CTRL/L

MCR

CTRL/M

CTRL/O

MCR

CTRL/O command

CTRL/Q

MCR

CTRL/Q command

CTRL/R

MCR

CTRL/S

MCR

Writing I/O Driver 4-55

Writing I/O Driver 2-1

Writing I/O Driver B-3

Writing I/O Driver 2-1

Writing I/O Driver 2-1

Writing I/O Driver 5-15

Writing I/O Driver 5-12

MCR Operations 3-109

System Management 10-27

Crash Dump Analyzer C-12

Writing I/O Driver A-12

Error Logging 5-21

Crash Dump Analyzer 2-2

Writing I/O Driver 2-1, 2-15

I/O Operations 4-25, 5-6

Command Language 3-18

EDT Editor 5-53

EDT Editor 5-54

Introduction 1-3 to 1-4, 1-7 to
1-8, 1-21

Command Language 3-2, 3-12, 3-18

I/O Drivers 3-20

MCR Operations 1-3, 2-16

ODT 1-5

Program Development 1-2

System Management 4-30

EDT Editor 5-53

EDT Editor 5-53

Command Language 3-22

Command Language 3-22

I/O Drivers 3-20

MCR Operations 2-16

I/O Drivers 3-20

EDT Editor 5-54, 10-1

Command Language 3-22

I/O Drivers 3-20

EDT Editor 10-5

EDT Editor 10-5

EDT Editor 10-6

MCR Operations 2-16

Command Language 3-22

I/O Drivers 3-20

MCR Operations 2-16

Command Language 3-22

I/O Drivers 3-20

Introduction 1-16 to 1-17

Command Language 3-18, 3-20

I/O Drivers 2-13, 3-21

MCR Operations 2-16

Program Development 3-7

EDT Editor 2-28

Introduction 1-16

Command Language 3-14, 3-19

I/O Drivers 3-21

MCR Operations 2-17

Program Development 3-7

Introduction 1-10, 2-2

Command Language 3-21

I/O Drivers 3-21

MCR Operations 2-17

EDT Editor 2-28

Introduction 1-16

Command Language 3-14, 3-19

I/O Drivers 3-21

MCR Operations 2-17

MASTER INDEX

CTRL/S command
 CTRL/T
 CTRL/U

 MCR
 ODT
 CTRL/U command
 CTRL/W
 CTRL/X
 MCR
 CTRL/Z

 effect on Task Builder
 MCR
 RMSBCK utility
 RMSCNV utility
 file terminator
 RMSDEF utility
 RMSDES utility
 RMSDSP utility
 RMSIFL utility
 RMSRST utility
 CTX field in FAB
 offset
 summary
 CTX field in RAB
 offset
 summary
 \$CUIC
 predefined syntax element in
 MML
 Current location
 counter
 example usage
 indicator for
 indicator (.)
 Current task
 priority
 Current-record context
 See also Context
 Cursor
 movement in keypad editing
 movement in nokeypad editing
 ODT
 setting range of
 showing range of
 using arrow keys and
 Cursor control
 Cursor-control key
 Customizing EDT
 by redefining key
 CTRL/K
 DEFINE KEY command
 DEFINE MACRO command
 SET and SHOW command
 startup command file
 CUT command
 CUT function
 example with SELECT and PASTE
 reverse
 CUTSEN command

 Program Development 3-7
 EDT Editor 5-53
 EDT Editor 5-30, 5-48
 Introduction 1-10, 2-2
 Command Language 3-20 to 3-21
 I/O Drivers 3-21
 MCR Operations 2-17
 ODT 2-8
 Program Development 5-3
 EDT Editor 5-8
 Command Language 3-21
 MCR Operations 2-18
 EDT Editor 2-19, 2-22, 5-8, 8-13
 Introduction 1-4, 1-11, 2-2, 2-4
 to 2-5, 2-9, 2-16, 5-10
 Command Language 3-12, 3-18, 3-20
 I/O Drivers 3-21
 Task Builder 11-4
 MCR Operations 2-18
 RMS-11 Utilities 6-2
 RMS-11 Utilities 4-4
 RMS-11 Utilities 4-8
 RMS-11 Utilities A-5
 RMS-11 Utilities 2-2, 2-9, 2-18
 RMS-11 Utilities 5-2
 RMS-11 Utilities 3-2
 RMS-11 Utilities 7-2
 RMS-11 Macros 2-18
 RMS-11 Macros 6-22
 RMS-11 Macros 6-32
 RMS-11 Macros 2-18
 RMS-11 Macros 6-115
 RMS-11 Macros 6-119

 System Management 12-45

 PDP-11 MACRO-11 2-2, 3-12 to 3-13,
 PDP-11 MACRO-11 3-14
 PDP-11 MACRO-11 3-2
 ODT 2-3, 2-5, 7-3
 3-15, 3-17, 6-11, 6-37, 6-43

 Crash Dump Analyzer 3-20
 RMS-11 Macros 4-3

 Introduction 1-4, 2-5, Gloss-8
 EDT Editor 2-9, 5-12 to 5-21
 EDT Editor 2-37, 8-13
 ODT 4-1
 EDT Editor 9-3
 EDT Editor 9-16
 EDT Editor 2-12
 I/O Drivers 2-39, 3-33
 Command Language 3-17

 EDT Editor 10-1
 EDT Editor 5-54
 EDT Editor 7-4
 EDT Editor 7-4
 EDT Editor 9-1
 EDT Editor 1-5, 4-9
 EDT Editor 8-7
 EDT Editor 2-12, 5-33
 EDT Editor 5-35
 EDT Editor 5-37
 EDT Editor 2-43

MASTER INDEX

\$CVLBN routine
 \$CVLOK (Page lock)
 \$CVRL (Virtual to real address)
 \$CVTUC (Upper case text)
 Cylinder
 See also Placement control
 Cylinder number
 Cylinder Scan
 definition

D

D command

 D error
 summary
 ^D operator
 D register
 D symbolic argument
 D-space
 mapping
 D.xxx offsets
 in DCB
 /DA switch

 DAN field in KEY block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 summary
 DAP (Data access protocol)
 See DECnet
 DAPRES
 compared with V1.8
 remote access code
 remote access support
 \$DAT (Date conversion)
 DAT block
 chaining to FAB
 declaring
 initializing
 summary
 Data
 adjacency in memory
 batch job
 definition
 including in supervisor-mode
 library
 segment
 autoloadable
 structure
 building a
 overlay of a
 Data access protocol (DAP)
 See DECnet
 Data area number
 See DAN field in KEY block
 Data base

 assembling
 during system generation
 code
 bit symbols
 converting RSX-11M to
 RSX-11M-PLUS
 defining CTB

Writing I/O Driver 7-14
 System Library 8-22
 System Library 8-24
 System Library 6-1
 RMS-11 Introduction 2-1

Writing I/O Driver 1-15

Writing I/O Driver 1-15

EDT Editor 2-40, 8-9
 ODT 2-8
 PDP-11 MACRO-11 2-3
 PDP-11 MACRO-11 D-3
 PDP-11 MACRO-11 3-5, 6-32
 ODT 2-7, 5-4, 6-2
 PDP-11 MACRO-11 6-41
 Executive 3-1 to 3-2
 Executive 3-3 to 3-4

Writing I/O Driver 4-16 to 4-18
 Error Logging 3-5, 3-8
 Task Builder 10-14

RMS-11 Macros 5-19
 RMS-11 Macros 5-31
 RMS-11 Macros 6-67
 RMS-11 Macros 5-80
 RMS-11 Macros 6-71

Release Notes 2-15
 RMS-11 User's Guide B-1
 RMS-11 User's Guide 8-7
 System Library 6-2
 RMS-11 Introduction 4-8
 RMS-11 Macros 2-12 to 2-13
 RMS-11 Macros 2-8
 RMS-11 Macros 2-9
 RMS-11 Macros 6-14
 Introduction 4-9, Gloss-8
 Task Builder 2-28

Batch and Queue Gloss-2

Executive 5-107

Task Builder 4-7

Task Builder 2-1
 Task Builder 3-19

Introduction 5-2
 Writing I/O Driver 1-18

Writing I/O Driver 5-3

Writing I/O Driver 4-30 to 4-31

Writing I/O Driver B-1 to B-2
 Writing I/O Driver B-3

MASTER INDEX

Data base	
converting RSX-11M to RSX-11M-PLUS (Cont.)	
SCB requirements	Writing I/O Driver B-2
creating source code	Writing I/O Driver 4-2
defining link word for details of structures	Writing I/O Driver 4-3
	Writing I/O Driver 4-31 to 4-37, 4-39, 4-49 to 4-53
driver	
sample code	Writing I/O Driver 8-1 to 8-3
structures	Writing I/O Driver 2-1, 2-3
global label	Writing I/O Driver 4-2
\$USRTB	Writing I/O Driver 4-3
\$xxDCB	Writing I/O Driver 4-3
labeling of data structures	Writing I/O Driver 4-2
loadable	Writing I/O Driver 1-19, 4-3
incorporating	Writing I/O Driver 5-1
module	
inserting into library	Writing I/O Driver 5-4
overlay	Task Builder B-15
I- and D-space task	Task Builder B-16
overview of structures	Writing I/O Driver 2-2 to 2-3
owning CTB	Writing I/O Driver 2-1
programming	
requirements	Writing I/O Driver 4-2 to 4-3
resident	Writing I/O Driver 1-19, 4-3
incorporating	Writing I/O Driver 5-1
link to CTB	Writing I/O Driver 4-3
structures	
augmented	Writing I/O Driver 1-13
composite arrangement	Writing I/O Driver 2-11
conventional	Writing I/O Driver 1-13
ordering of	Writing I/O Driver 4-2
typical arrangements	Writing I/O Driver 2-6 to 2-8
validation during LOAD	Writing I/O Driver 5-12
Data block	
local	Program Development 2-8
DATA command	Batch and Queue 3-5
example	Batch and Queue 3-6 to 3-7
format	Batch and Queue 3-6
qualifiers	Batch and Queue 3-6
.DATA directive	MCR Operations 4-29
example	MCR Operations 4-30
format	MCR Operations 4-30
Data file	
RMSDES utility	RMS-11 Utilities 2-3, 2-17, 2-24
creating	RMS-11 Utilities 2-3, 2-7, 2-28
GET command	RMS-11 Utilities 2-10
Data format	
card reader	I/O Drivers 11-9
input	
Task Builder	Task Builder A-1
Data integrity checking	
RMSBCK utility	RMS-11 Utilities 6-6 to 6-7, 6-9
RMSRST utility	RMS-11 Utilities 7-6, 7-8, 7-11
Data mode	MCR Operations 4-32
Data record	RMS-11 Introduction 3-7
	RMS-11 User's Guide 5-2
	PDP-11 MACRO-11 6-45
	ODT 7-2
	Executive 5-107
	ODT 2-8
	ODT 2-8
	ODT 1-3
	Executive 5-107
	Executive 5-107
Data sharing	
Data space	
command	
access	
enable	
mapping user	
supervisor	

MASTER INDEX

Data storage
 and file organization
 control in assembly language
 directive
 MACRO-11 definition
 program section
 Data storage directive
 Data structure
 definitions
 user
 Data transfer
 BRU utility
 DSC utility
 FLX utility
 Data type
 key values
 keys
 and segmenting
 4-byte signed integer
 2-byte unsigned binary
 4-byte unsigned binary
 2-byte signed integer
 packed decimal
 string
 DATA AREA
 RMSDES utility
 DATA FILL
 RMSDES utility
 Dataset descriptor
 definition of
 parameter to FDOP\$A
 Dataset-descriptor pointer
 definition of
 \$DATE
 predefined syntax element in
 MML
 Date
 See DAT block
 displaying
 setting
 system
 XAB
 See DAT block
 Date conversion
 date (\$DAT)
 Date format
 DCL
 Date switch
 \$DATE1
 predefined syntax element in
 MML
 <DATE> symbol
 /DB switch
 SLP utility
 DB-type disk
 SYSGEN question
 DBS field in KEY block
 DISPLAY operation
 offset
 OPEN operation
 summary
 \$\$DBTS
 reserved PSECT name
 RMS-11 Introduction 2-1
 RMS-11 User's Guide 2-5
 Program Development 1-4 to 1-5
 Program Development 1-4 to 1-5
 Program Development 2-8
 Program Development 2-8
 PDP-11 MACRO-11 6-23 to 6-39
 Writing I/O Driver 1-13
 Writing I/O Driver A-1 to A-71
 Executive 3-11
 Writing I/O Driver 1-14
 Utilities 7-26
 Utilities 8-24
 Utilities 4-1
 RMS-11 Introduction 3-7
 RMS-11 User's Guide 6-3
 RMS-11 User's Guide 6-7
 RMS-11 User's Guide 6-4
 RMS-11 User's Guide 6-5
 RMS-11 User's Guide 6-5
 RMS-11 User's Guide 6-4
 RMS-11 User's Guide 6-6
 RMS-11 User's Guide 6-3
 RMS-11 Utilities 2-40
 RMS-11 Utilities 2-40
 I/O Operations 1-10, 2-27 to 2-28,
 3-15
 I/O Operations 1-11
 I/O Operations 2-13
 I/O Operations 1-11
 System Management 12-42
 MCR Operations 3-225
 System Management 10-72
 MCR Operations 3-225
 System Management 10-72
 Command Language 2-1, 8-1 to 8-2,
 9-31, 9-37
 System Library 6-2
 Command Language 1-8
 Error Logging 3-5, 3-8
 System Management 12-42
 MCR Operations 4-13
 Utilities 13-15
 System Generation 3-32
 RMS-11 Macros 5-31
 RMS-11 Macros 6-68
 RMS-11 Macros 5-80
 RMS-11 Macros 6-72
 Task Builder E-2

MASTER INDEX

/DC switch	Utilities 11-5
DMP utility	Crash Dump Analyzer 2-2
/DCB	
DCB	
ASCII device name	Writing I/O Driver 4-17
composite arrangement	Writing I/O Driver 2-11
creating mask words in	Writing I/O Driver 4-21
definition	Writing I/O Driver 1-4
details	Writing I/O Driver 4-16 to 4-18
driver dispatch table pointer	Writing I/O Driver 4-18
driver-specific function masks	Writing I/O Driver 4-18 to 4-26
establishing characteristics	
for	Writing I/O Driver 2-7
establishing I/O function masks	Writing I/O Driver 4-22
fields	Writing I/O Driver 4-16 to 4-18
format	Writing I/O Driver 4-16 to 4-18
labeling	Writing I/O Driver 4-3
length of UCB	Writing I/O Driver 4-18
link to next DCB	Writing I/O Driver 4-16
list of	Writing I/O Driver 2-3
means to access Driver Dispatch	
Table	Writing I/O Driver 2-2
number of units stored	Writing I/O Driver 4-3
overview	Writing I/O Driver 2-2 to 2-3
pointer to first UCB	Writing I/O Driver 4-17
unit number range	Writing I/O Driver 4-18
validation during LOAD	Writing I/O Driver 5-13
DCBDFS	Crash Dump Analyzer C-13
	Writing I/O Driver A-13
DCL	EDT Editor 2-2, 4-2
	Introduction 1-5, 1-8, 4-1, 5-11,
	Gloss-8
	Command Language 1-1 to 1-2, B-1
	Program Development 1-1 to 1-3
	System Management 7-1, 7-12 to
	7-13, 11-2, 11-5, 11-8, 12-1
	RMS-11 User's Guide B-2
	System Management 12-7, 12-9 to
	12-11
adding commands	Command Language 1-10
ANSI file name	Command Language 1-9
colon (:)	
command	
definition	System Management 12-9
issuing	MCR Operations 3-44
tables	System Management 12-6, 12-46 to
	12-47
command line	EDT Editor 4-2 to 4-4
	Command Language 1-2
comments	Command Language 1-11
dates	Command Language 1-8
DECnet	Command Language 1-10
definition	Batch and Queue Gloss-2
deleting commands	System Management 12-12
equal sign (=)	Command Language 1-9
errors	Command Language 1-13
installation	System Management 12-1 to 12-3
line continuation	Command Language 1-11, 3-12
linking	
debugger	ODT 8-1
ODT	ODT 1-3
ODTID	ODT 1-4
supervisor libraries	ODT 1-4
mapping to MCR	System Management 12-20 to 12-25,
	12-34

MASTER INDEX

DCL (Cont.)

master command table	System Management 12-6 to 12-12, 12-17 to 12-20, 12-46 to 12-47
modifying commands number	System Management 12-12
decimal	Command Language 1-8
octal	Command Language 1-8
operations	System Management 12-4 to 12-5
parameter	Command Language 1-8
parser table	System Management 12-6 to 12-12, 12-17 to 12-20, 12-46 to 12-47
qualifier	Command Language 1-3 to 1-5
RSX-11M/M-PLUS	Command Language 1-19
short forms	Command Language 1-7 to 1-8, 9-1
SYSGEN	System Management 12-2
SYSGEN question	System Generation 3-26
taskbuilding	System Management 12-4
terminal	
specifying	
translator table	MCR Operations 3-178
	System Management 12-6 to 12-12, 12-17 to 12-20, 12-46 to 12-47
underscore (_)	Command Language 1-9
VAX/VMS	Command Language 1-19
DCL command	Command Language 1-7
command line format	MCR Operations 3-44
example	MCR Operations 3-44
/DCL keyword	MCR Operations 3-44
HELP command	
SET command	
/DD switch	MCR Operations 3-67
PIP utility	MCR Operations 3-178
DD-type magtape	
SYSGEN question	Utilities 3-16
.DD2CT (Decimal to binary double-word)	System Generation 3-48
\$DDIV (Double-precision divide)	System Library 4-1
\$DDR	System Library 3-3
predefined syntax element in MML	System Management 12-43
DDT\$ macro call	Writing I/O Driver 4-5 to 4-6
arguments	Writing I/O Driver 4-4
use of	
/DE file switch	Batch and Queue 2-6
PRI command	Batch and Queue 3-17
SUB command	Error Logging 3-5, 3-8
/DE switch	Utilities 4-7
FLX utility	MCR Operations 4-19
Indirect	Utilities 10-13
LBR utility	Utilities 3-17
PIP utility	RMS-11 Utilities 3-7, 3-10, 3-14
RMSIFL utility	Utilities 9-4
VFY utility	MCR Operations 3-45
DEA command	Writing I/O Driver 7-15
\$DEACB routine	Command Language 5-24 to 5-25, 9-10
DEALLOCATE command	MCR Operations 3-45
	MCR Operations 3-45
command line format	MCR Operations 3-45
example	System Management 17-30
Deallocate Device Transaction Block	Writing I/O Driver 4-66
Deallocation entry point	

MASTER INDEX

DEASSIGN command
 DEASSIGN/QUEUE command
 DCL
 DEB command
 DEBUG command
 command line format
 error message
 example
 RSX-11M-PLUS
 Debug routine
 Debugger
 specifying to Task Builder
 Debugging
 introduction
 MACRO-11 source file
 privileged task
 session
 abort
 begin
 end
 interrupting of
 resuming
 supervisor mode
 task
 tool
 See ODT
 using map
 Debugging aid
 including a
 .DEC directive
 example
 format
 DEC Standard Editor
 See EDT editor
 Decimal conversion
 decimal to binary (\$CDTB)
 decimal to binary double-word
 (.DD2CT)
 Decimal mode
 Decimal number
 packing
 DECL\$S
 Declaration flag byte
 symbol
 Declare Significant Event
 directive
 DECLARE statement
 DECnet
 and CREATE operations
 and ENTER operations
 and ERASE operations
 and file organization
 and OPEN operations
 and PARSE operations
 and REMOVE operations
 and RENAME operations
 and SEARCH operations
 block access
 CEX on pregenerated kit
 DAPRES resident library
 DCL
 Command Language 5-19 to 5-21,
 9-11
 Command Language 9-11
 System Management 7-22
 MCR Operations 3-46
 Command Language 6-90 to 6-91,
 9-11
 MCR Operations 3-46
 MCR Operations 3-46
 MCR Operations 3-47
 MCR Operations 3-46
 ODT 1-5
 I/O Operations 7-6 to 7-7, 7-11
 ODT 8-1
 Program Development 1-6 to 1-7
 Program Development 3-3 to 3-4
 ODT 1-4
 ODT 1-5
 ODT 1-4, 3-1
 ODT 1-4
 ODT 1-5, 3-2
 ODT 1-5 to 1-6
 ODT 1-4
 Program Development 4-9, 5-1 to
 5-2, 7-7 to 7-9
 Program Development 5-2, 5-8
 Task Builder 10-14
 MCR Operations 4-30
 MCR Operations 4-30
 MCR Operations 4-30
 System Library 4-4
 System Library 4-1
 MCR Operations 4-32
 Introduction 3-2, Gloss-9
 PDP-11 MACRO-11 6-31
 Executive 5-52
 Task Builder A-7
 Executive 5-52
 Error Logging 5-26 to 5-27
 Introduction 5-3, Gloss-9
 RMS-11 User's Guide 8-6 to 8-8,
 B-1
 RMS-11 User's Guide B-2 to B-3
 RMS-11 User's Guide B-1
 RMS-11 User's Guide B-2
 RMS-11 User's Guide B-3
 RMS-11 User's Guide B-2 to B-3
 RMS-11 User's Guide B-1
 RMS-11 User's Guide B-1
 RMS-11 User's Guide B-1
 RMS-11 User's Guide B-1
 RMS-11 User's Guide B-3
 System Generation 5-38
 RMS-11 User's Guide B-1
 Command Language 1-10

MASTER INDEX

- DECnet (Cont.)
 - disk-resident overlaid code
 - FALs
 - on different systems
 - file specification
 - default
 - node
 - quoted string
 - I/O buffers
 - indexed files
 - relative files
 - sequential files
 - limitations on functions
 - node name
 - displayed by SHUTUP
 - pool use on pregenerated kit
 - SYSGEN question
 - UIC
 - specifying
 - DECnet Remote Terminal Facility
 - See RMT
 - DECODE statement
 - DECprinter
 - LA180
 - DECREMENT statement
 - DECscope
 - See also VT52, VT100
 - DECTape
 - device-specific QIO
 - exercising
 - IOX
 - Files-11
 - initializing
 - recovery procedure
 - reversing direction
 - select recovery
 - standard QIO
 - status return
 - DECTape controller
 - SYSGEN question
 - DECTape II
 - See also TU58
 - DECTape II controller
 - SYSGEN question
 - DECwriter
 - See LA36
 - DECwriter II
 - DEF\$SZ argument
 - <DEFAULT> symbol
 - Default
 - compilers
 - DEQ
 - device
 - file specification
 - file type
 - MACRO-11
 - TKB
 - operating system
- RMS-11 User's Guide B-1
 - RMS-11 User's Guide B-3
 - RMS-11 User's Guide B-2
 - RMS-11 User's Guide B-2
 - RMS-11 User's Guide B-2
 - RMS-11 User's Guide B-2
 - RMS-11 User's Guide B-3
 - RMS-11 User's Guide B-3
 - RMS-11 User's Guide B-3
 - RMS-11 User's Guide B-3
 - RMS-11 User's Guide B-1
- System Management 8-2
- System Generation 5-38
- System Generation 3-24
- MCR Operations 3-192
- System Management 10-53
- Error Logging 5-32
- I/O Drivers 2-4
- I/O Drivers 10-2
- Error Logging 5-31
- Command Language 3-1
- Command Language 5-4
- I/O Drivers 6-1
- RMS-11 Macros 3-1, 5-20, 5-37, 5-42, 5-77, 5-88, 5-104, 5-111, 5-117
- I/O Drivers 6-3
- System Management 4-3
- MCR Operations 3-78
- I/O Drivers 6-6
- I/O Drivers 6-7
- I/O Drivers 6-7
- I/O Drivers 6-2
- I/O Drivers 6-4 to 6-6
- System Generation 3-46
- RMS-11 Macros 3-1, 5-20, 5-37, 5-42, 5-77, 5-88, 5-104, 5-111, 5-117
- System Generation 3-48
- Command Language 3-1
- RMS-11 Macros C-1
- MCR Operations 4-8
- Introduction 1-15 to 1-16, 2-2, 3-11 to 3-12, Gloss-9
- RMS-11 User's Guide 2-2
- RMS-11 User's Guide 2-2
- RMS-11 User's Guide 4-4
- Introduction 1-15
- RMS-11 User's Guide A-6, B-2
- Program Development 3-5
- Program Development 4-1
- RMS-11 User's Guide 2-2

MASTER INDEX

Default

operating system (Cont.)
 DEQ
 RMS-11
 RMSDES utility
 system library search
 MACRO-11

TKB
 transfer (starting) address

Default buffer count
 changing

Default buffer size
 overriding

Default device

Default directory
 inserting

Default extend size
 establishing
 volume

Default extension quantity
 See DEQ
 RMSDEF utility

Default extension size
 See DEQ field in ALL block
 See also DEQ field in FAB

Default file name
 parameter to NMBLK\$

Default file name block
 definition of
 initializing directly
 parameter to FDOP\$A

Default file name block label
 parameter to NMBLK\$

Default file protection
 reading
 word format
 writing

Default file type
 parameter to NMBLK\$

Default file version number
 parameter to NMBLK\$

Default fill character

Default name of device
 parameter to NMBLK\$

Default of switch
 modifying

Default print field width

Default radix

Default register definition

Default string
 See DNA field in FAB

Default UFD

Default UIC
 reading
 writing

Deferred address mode
 autodecrement
 autoincrement
 index
 register
 relative

RMS-11 User's Guide 3-5
 RMS-11 User's Guide 2-2
 RMS-11 Utilities 2-21

Program Development 1-5, 1-10,
 2-7

Program Development 1-11, 4-2
 Program Development 4-8

I/O Operations 2-20
 I/O Operations 2-41
 I/O Operations 1-8
 Command Language 2-4, 4-2 to 4-3,
 4-77 to 4-79, 5-72 to 5-73,
 9-31

I/O Operations 4-17
 I/O Operations 2-19
 I/O Operations 2-8
 I/O Operations 2-8

RMS-11 Utilities A-15

I/O Operations 2-31
 I/O Operations 1-10, 2-27, 2-30,
 3-4, 3-15
 I/O Operations 1-11
 I/O Operations 2-32
 I/O Operations 2-14

I/O Operations 2-31
 I/O Operations 4-4 to 4-5
 I/O Operations 4-5
 I/O Operations 4-5
 I/O Operations 4-5

I/O Operations 2-31

I/O Operations 2-31
 Error Logging 5-6

I/O Operations 2-31

Task Builder F-7 to F-11
 Error Logging 5-6
 Error Logging 5-6
 PDP-11 MACRO-11 3-14
 PDP-11 MACRO-11 3-10

Command Language 4-3, 4-77 to
 4-79, 5-72, 9-31

I/O Operations 4-4
 I/O Operations 4-4
 I/O Operations 4-4

PDP-11 MACRO-11 5-5
 PDP-11 MACRO-11 5-4
 PDP-11 MACRO-11 5-6
 PDP-11 MACRO-11 5-3
 PDP-11 MACRO-11 5-9

MASTER INDEX

Deferred addressing indicator
Deferred write
See also FB\$DFW mask in FOP field

and mass insertion
indexed files
relative files
sequential files

DEFINE command

EDT editor

Define key (DEFK) command

DEFINE KEY command

definition

example

DEFINE MACRO command

Defined report string

DIGITAL

user

Defining key

description of feature

keypad editing

line editing

nokeypad editing

DEFINITIONS argument

DEFK command

DEL argument to ORG\$ macro

DEL C function

DEL EOL function

/DEL file switch

QUE /MOD command

DEL L function

DEL W function

.DELAY directive

format

Delaying

output

DELET\$

format

parameters

Delete

access

mode

DELETE & PRINT command

EDI editor

DELETE command

EDI editor

EDT editor

example

format

Delete Directory Entry

/DELETE file qualifier

PRINT command

SET QUEUE command

SUBMIT command

DELETE function

DELETE key

\$DELETE macro

DELETE operation

and key position
and shared access

PDP-11 MACRO-11 3-2

RMS-11 User's Guide 2-17, 6-27

RMS-11 User's Guide 6-29

RMS-11 User's Guide 7-8

RMS-11 User's Guide 4-14

RMS-11 User's Guide 3-14

Introduction 2-17, Gloss-9

EDT Editor 8-10

EDT Editor 7-4, 10-2

EDT Editor 1-9, 10-1

EDT Editor 10-4

EDT Editor 7-4

Error Logging 3-27

Error Logging 3-28

EDT Editor 1-9

EDT Editor 5-54, 10-5

EDT Editor 7-4, 10-2

EDT Editor 8-10, 10-1

PDP-11 MACRO-11 8-11

EDT Editor 8-10, 10-1

RMS-11 Macros 2-3

EDT Editor 5-26

EDT Editor 2-17, 5-30

Batch and Queue 2-21

EDT Editor 2-15, 5-32

EDT Editor 2-15, 5-28

MCR Operations 4-30

MCR Operations 4-31

Introduction 1-16

I/O Operations 3-38

I/O Operations 3-38

I/O Operations 3-38

MCR Operations 2-3

MCR Operations 4-32

Utilities 2-14, 2-31

EDT Editor 2-30, 7-6

Introduction 3-9 to 3-11

Command Language 4-31 to 4-34,

9-12

Utilities 2-13, 2-31

Introduction 2-12, 2-14

Batch and Queue 2-11

Batch and Queue 2-10

I/O Operations 4-16

Batch and Queue 2-6

Batch and Queue 2-21

Batch and Queue 3-17

EDT Editor 2-14, 5-25

Introduction 1-8 to 1-10, 2-2

Command Language 3-13

MCR Operations 2-15

RMS-11 Macros 5-25

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-15

RMS-11 Macros 4-11

RMS-11 User's Guide 6-7

RMS-11 User's Guide 2-6

MASTER INDEX

DELETE operation (Cont.)
 compressing records

 declaring with ORG\$ macro
 deferred write
 \$DELETE macro
 duplicate keys
 indexed files

 optimizing
 relative files

Delete option
 ACNT

DELETE/ENTRY command

DELETE/JOB command

DELETE/PROCESSOR command
 DCL

DELETE/QUEUE command
 DCL

DELETESYS.CMD
 on pregenerated kit

Deleting
 all edits
 character
 line
 text
 EDT editor
 word

Deletion, file marked for
 See FB\$MKD mask in FOP field

Delimiter

 defining delimiters of entity
 mixed
 string
 symbols used as

Delimiting character
 /DENS

/DENS keyword
 HOME command
 INI command
 MOUNT command
 SAVE command
 VMR

/DENS switch
 DMP utility
 DSC utility

Density
 tape
 in IOX

DENSITY command
 IOX

/DENSITY qualifier
 BRU utility

Density selection
 magnetic tape

/DENSITY switch
 FMT utility

Density switch

Depth
 indexed files

DEQ
 default
 indexed files
 relative files
 sequential files
 indexed files

RMS-11 User's Guide 5-10, 5-16,
 6-7, 6-9

RMS-11 Macros 2-3

RMS-11 User's Guide 7-9

RMS-11 Macros 5-25

RMS-11 User's Guide 6-9

RMS-11 User's Guide 5-15, 7-3,
 7-9

RMS-11 User's Guide 6-7

RMS-11 User's Guide 4-7

System Management 2-7
 Command Language 9-12
 Command Language 9-12
 Command Language 9-13
 System Management 7-20 to 7-22
 Command Language 9-13
 System Management 7-19 to 7-20

System Generation 5-8, 5-14

EDT Editor 5-9, 7-14, 8-15
 EDT Editor 2-14, 5-26, 8-9
 EDT Editor 2-15, 5-30, 7-6, 8-9

Introduction 2-12
 EDT Editor 2-15, 5-28, 8-9

Introduction 2-12
 Program Development 2-16
 EDT Editor 9-4
 EDT Editor 7-17
 EDT Editor 2-30, 7-17
 EDT Editor 2-30
 PDP-11 MACRO-11 3-3
 Crash Dump Analyzer 2-6

MCR Operations 3-73
 MCR Operations 3-81
 MCR Operations 3-122

System Management 10-40

Utilities 11-5
 Utilities 8-14

System Management 4-32

System Management 4-32

Utilities 7-14

I/O Drivers 8-15

Utilities 5-8
 Crash Dump Analyzer 2-7

RMS-11 User's Guide 5-5

RMS-11 User's Guide 6-26
 RMS-11 User's Guide 4-4
 RMS-11 User's Guide 3-5
 RMS-11 User's Guide 6-26

MASTER INDEX

DEQ (Cont.)	
relative files	RMS-11 User's Guide 4-4
sequential files	RMS-11 User's Guide 3-4
DEQ field in ALL block	
CREATE operation	RMS-11 Macros 5-17
DISPLAY operation	RMS-11 Macros 5-30
offset	RMS-11 Macros 6-2
OPEN operation	RMS-11 Macros 5-79
RSTS/E	RMS-11 Macros D-4
summary	RMS-11 Macros 6-11
DEQ field in FAB	
CREATE operation	RMS-11 Macros 5-17
offset	RMS-11 Macros 6-22
OPEN operation	RMS-11 Macros 5-74, 5-78
summary	RMS-11 Macros 6-33
Description file	
RMSDES utility	RMS-11 Utilities 2-3, 2-13, 2-17, 2-24
EXIT command	RMS-11 Utilities 2-10
GET command	RMS-11 Utilities 2-10
SAVE command	RMS-11 Utilities 2-27
Descriptor	
region	Task Builder B-21
segment	Task Builder B-18
window	Task Builder B-20 to B-21
DESELECT command	
IOX	System Management 4-34
Design buffer	
RMSDES utility	RMS-11 Utilities 2-1
using	RMS-11 Utilities 2-16
Design buffer sections (RMSDES)	
See Section	
Design session	
RMSDES utility	RMS-11 Utilities 2-1
resuming	RMS-11 Utilities 2-22
Designing applications	
considerations	RMS-11 User's Guide 2-1
ease of design	RMS-11 User's Guide 2-3
shared access	RMS-11 User's Guide 2-10
space	RMS-11 User's Guide 2-5
speed	RMS-11 User's Guide 2-4, 8-1
when to design	RMS-11 User's Guide 2-3, 8-1
Designing files	RMS-11 User's Guide 2-2
See also Indexed file	RMS-11 Introduction 3-15
organization	RMS-11 User's Guide 1-10, 1-12
See also Relative file	
organization	
See also Sequential file	
organization	
indexed	RMS-11 User's Guide 6-1
relative	RMS-11 User's Guide 4-2
sequential	RMS-11 User's Guide 3-3
Despool prototype task	System Management 7-1
Despooler	
definition	Batch and Queue Gloss-3
error message	System Management A-2
purpose of	System Management A-1
receive queue operation	System Management A-1
send data buffer format	System Management A-2
system generation information	System Management A-2
task-build information	System Management A-1
text requirements	System Management A-1
Detach mode	MCR Operations 4-32
Detach Region	Executive 5-56
\$DEUMR routine	Writing I/O Driver 7-16
calling from driver	Writing I/O Driver 7-4

MASTER INDEX

\$DEV

predefined syntax element in
MML

/DEV

DEV command

VMR

DEV field in FAB

CREATE operation

ENTER operation

ERASE operation

offset

OPEN operation

PARSE operation

REMOVE operation

RENAME operation

SEARCH operation

summary

/DEV keyword

DISMOUNT command

TAS command

\$DEVE

predefined syntax element in
MML

Development step

program

\$DEVHD routine

Device

See also Controller

See also Disk

See also Line interface

See also Line printer

See also Magtape

See also Medium

See also Multiplexer

access

disabling

enabling

adding

adding after SYSGEN

restrictions

address

allocating

generic

valid device

and record formats

assigned controller

assignment

attaching to

attribute

list of

bootstrap

CSR address

specifying

bootstrappable

compatible

buffer size

specifying

busy/not busy

changing CSR and vector with

CNF

characteristics

System Management 12-42

Crash Dump Analyzer 2-2

MCR Operations 3-48

System Management 10-16

RMS-11 Macros 3-1 to 3-2

RMS-11 Macros 5-20

RMS-11 Macros 5-37

RMS-11 Macros 5-42 to 5-43

RMS-11 Macros 6-24

RMS-11 Macros 5-77

RMS-11 Macros 5-88

RMS-11 Macros 5-104

RMS-11 Macros 5-111

RMS-11 Macros 5-117 to 5-118

RMS-11 Macros 6-34

MCR Operations 3-52

MCR Operations 3-223

System Management 12-42

Task Builder 1-1

Writing I/O Driver 2-3, 2-11

Introduction 1-6, 1-14, 5-10 to
5-11, Gloss-10

Command Language 5-1, 5-4

MCR Operations 2-9

RMS-11 Introduction 2-1

Writing I/O Driver 1-1

System Management 15-18

System Management 15-21

System Management 15-21

System Generation 4-9

System Generation 4-10

Writing I/O Driver 1-1

MCR Operations 3-12

MCR Operations 3-12

MCR Operations 3-13

RMS-11 User's Guide 2-15

Writing I/O Driver 1-18

Task Builder 11-7

I/O Drivers 1-26

MCR Operations 4-52

MCR Operations 4-53

MCR Operations 3-163

MCR Operations 3-23

MCR Operations 3-24

MCR Operations 3-176

System Management 10-48

Writing I/O Driver 1-13

System Generation 2-7

MASTER INDEX

Device

characteristics (Cont.)

See DEV field in FAB

common

building and linking to a configuration

in baseline

on pregenerated kit

configured on-line

context

controller

overlap seek support

specifying

CSR address

changing

deallocating

default

detaching

disk

dismounting

driver

loaded

testing

loading

on pregenerated kit

pool requirements

unloading

dual-access

capability

SYSGEN question

error logging

control file module

failed

testing

faulty

isolating

file specification

file-structured

Files-11

generic name

I/O request

redirecting

identifier

See DVI field in NAM block

increased independence for RMS

information

acquiring

for command file

displaying

interrupt

interrupt vector address

changing

IOX

adding

to be tested

displaying

those tested

Task Builder 5-29

Task Builder 5-26 to 5-31

System Generation 3-12

System Generation 5-34

Writing I/O Driver 1-13

System Management 15-3

Introduction 5-12, Gloss-10

MCR Operations 3-194

System Management 15-24

MCR Operations 3-45

Introduction 1-15

Command Language 2-4, 4-2 to 4-3,
4-77 to 4-79, 5-72 to 5-73,
9-31

I/O Drivers 1-27

RMS-11 Introduction 2-1

RMS-11 User's Guide 1-12

System Management 8-6

Introduction 5-4, Gloss-10

RMS-11 Introduction 2-1

MCR Operations 4-41

MCR Operations 3-108

System Generation 5-30

MCR Operations 3-110

MCR Operations 3-231

Writing I/O Driver 1-17

System Generation 3-33 to 3-34,
3-39

Error Logging 2-4

Error Logging 2-4 to 2-5

System Management 15-33

System Management 15-30

RMS-11 User's Guide A-1, A-4

Introduction 5-10 to 5-12,
Gloss-13

MCR Operations 3-117

MCR Operations 2-1

Writing I/O Driver 2-3

MCR Operations 3-147

System Management 10-33

Release Notes 2-6

MCR Operations 4-52

MCR Operations 3-48

System Management 10-16

Writing I/O Driver 1-5

System Management 15-24

System Management 4-28

System Management 4-28

MASTER INDEX

Device

IOX (Cont.)

- exercising
 - steps
- status
 - during exercise
- testing
 - removing
 - time of

LA-type

- SYSGEN question
- logical
- magnetic tape

- making accessible
- mass-storage

name

- logical
 - assigning
 - syntax
- symbolic
 - displaying
- new support
- non-file-structured
- null

paging

PCL11

- SYSGEN question
- peripheral

physical

- placing
 - off line
 - on line
- private

- releasing
- specifying
- pseudo

- console output
 - list
- public

- specifying

- random access
- record-oriented

redirecting

registers

- removing
- restriction
 - for user task
- sequential

- System Management 4-2

- System Management 4-58

- System Management 4-34

- System Management 4-55

- System Generation 3-54

- I/O Drivers 1-18

- RMS-11 Introduction 2-4

- RMS-11 User's Guide 1-12

- Writing I/O Driver 5-6

- Introduction 1-13, 3-2, 3-8, 5-6, 5-11, Gloss-21

- Introduction 1-14, 1-19, 3-5

- MCR Operations 2-9

- MCR Operations 2-11

- MCR Operations 2-12, 3-16

- MCR Operations 3-16

- MCR Operations 3-48

- Release Notes 1-4

- MCR Operations 3-117

- I/O Drivers 19-1

- MCR Operations 2-11

- System Management 10-51

- System Generation 3-63

- Introduction 5-1, 5-5, 5-10, Gloss-24

- Command Language 5-1

- Command Language 5-1 to 5-3, 5-5, 5-8

- System Management 15-3, 15-18

- System Management 15-3

- Introduction 3-12

- Command Language 5-9, 5-13, 5-22 to 5-25

- MCR Operations 2-12

- MCR Operations 3-45

- MCR Operations 2-13, 3-12

- Introduction 3-8, Gloss-26

- Command Language 5-1 to 5-8

- MCR Operations 2-10

- System Generation B-3

- System Management 3-1

- MCR Operations 2-10

- Command Language 5-9, 5-13, 5-75

- MCR Operations 2-12

- MCR Operations 2-13, 3-199

- System Management 10-57

- Command Language 5-3

- Introduction 5-10 to 5-11, Gloss-28

- Command Language 5-3

- MCR Operations 2-10

- Command Language 5-16 to 5-18

- Writing I/O Driver 1-1 to 1-2, 4-50

- System Management 15-18

- Release Notes 1-39

- Release Notes 1-37

- MCR Operations 3-117

MASTER INDEX

Device (Cont.)

- shareable
- shared
- state
 - marked for off-line
 - marked for on-line
 - off-line
 - on-line
- status
 - emitting
- storage of static characteristics
- subcontroller
- support
 - by Autoconfigure
 - on pregenerated kit
 - on RSX-11M-PLUS
- supported
 - BAD utility
 - BRU utility
 - DSC utility
 - FLX utility
 - FMT utility
- system
 - default
 - writing hardware boot block
- system default
 - adding to account entry
 - changing
 - contained in account entry
 - displaying
- unit
 - failure
 - recovering
 - information
 - displaying
 - placing
 - off line
 - on line
 - status flag
 - displaying
- unit-record
- unowned
 - specifying
- verifying
 - BAD utility
- write checking
 - specifying
- Device and unit parsing
- Device attributes
- DEVICE command
 - RMD
- Device control
 - LUN register
- Device Control Block
 - See DCB
- Device controller
 - failure
 - recovering
 - information

- Command Language 5-9, 5-13
- Command Language 5-13
- System Management 15-2
- System Management 15-3
- System Management 15-3
- System Management 15-3
- System Management 15-2
- System Management 15-12
- Writing I/O Driver 2-3
- Writing I/O Driver 1-13
- System Generation 3-10, E-1
- System Generation 5-32
- System Generation B-1 to B-3
- Utilities 6-9
- Utilities 7-5
- Utilities 8-4
- Utilities 4-2
- Utilities 5-5
- MCR Operations 2-2
- MCR Operations 3-162
- System Management 2-3
- System Management 2-5
- System Management 2-1
- System Management 2-4
- System Management 15-31
- System Management 15-9
- System Management 15-18
- System Management 15-21
- System Management 15-9
- Command Language 5-3
- RMS-11 Introduction 3-5
- RMS-11 User's Guide 1-18, A-1
- Command Language 5-9, 5-13
- MCR Operations 2-12
- MCR Operations 2-13
- Utilities 6-3
- MCR Operations 3-215
- System Management 10-65
- I/O Operations 4-9, 4-12
- Command Language 5-77 to 5-80
- System Management 6-12
- ODT 2-7, 5-4, 6-2
- System Management 15-31

MASTER INDEX

Device controller	
information (Cont.)	
displaying	System Management 15-9
placing	
off line	System Management 15-18
on line	System Management 15-21
status flag	
displaying	System Management 15-9
Device controller dump	Crash Dump Analyzer 3-52
common interrupt address	Crash Dump Analyzer 3-52
controller request block	Crash Dump Analyzer 3-52
controller status words	Crash Dump Analyzer 3-52
controller table	Crash Dump Analyzer 3-52
Device controller switch	Crash Dump Analyzer 2-4
Device driver	
See also Driver	
loading	System Management 10-27
unloading	System Management 10-75
without error logging	Error Logging 1-3
Device error logging	Error Logging 4-22
concurrent I/O activity	Error Logging 4-22
Device errors	
error logging	Error Logging 1-6
hardware register contents	Error Logging 1-6
Device handler	
See Device driver	
Device I/O activity	Error Logging 1-1
Device independence	Command Language 5-8
Device information dump	
control processing flags	Crash Dump Analyzer 3-39
device characteristics word	Crash Dump Analyzer 3-39
I/O request packet	Crash Dump Analyzer 3-38, 3-42
terminal status word	Crash Dump Analyzer 3-38
UCB extension	Crash Dump Analyzer 3-38
Device information table	Error Logging 4-34
ALTPRINTNAME field	Error Logging 4-35
DISPNAME field	Error Logging 4-35
DRIVETYPE field	Error Logging 4-36
MASSBUSFLAG field	Error Logging 4-36
MNEMONIC field	Error Logging 4-35
PRINTNAME field	Error Logging 4-35
SIZE field	Error Logging 4-36
Device interrupt address	
overview	Writing I/O Driver 2-6
Device interrupt vector	Writing I/O Driver 2-4
Device mnemonic	System Generation 2-3
Device module	
EML11	Error Logging 4-8
ERK05	Error Logging 4-8
ERK67	Error Logging 4-8
ERL12	Error Logging 4-8
ERM05	Error Logging 4-8
ERM23	Error Logging 4-8
ERM80	Error Logging 4-8
ERP07	Error Logging 4-8
ERP23	Error Logging 4-8
ERP456	Error Logging 4-8
ERS11	Error Logging 4-9
ERS34	Error Logging 4-9
ERX01	Error Logging 4-9
ERX02	Error Logging 4-9
ET0310	Error Logging 4-9
ET1645	Error Logging 4-9
ETA11	Error Logging 4-9
ETC11	Error Logging 4-9
ETS11	Error Logging 4-9

MASTER INDEX

Device module (Cont.)

ETSV05	Error Logging 4-9
ETU58	Error Logging 4-9
ETU77	Error Logging 4-9
MSCP60	Error Logging 4-9
MSCP80	Error Logging 4-9
MSCPAT	Error Logging 4-9
MSCPE	Error Logging 4-9
MSCPEN	Error Logging 4-9
MSCPSD	Error Logging 4-9
MSCPTO	Error Logging 4-9
Device name	Command Language 5-1
logical	
assigning	System Management 10-9
physical	I/O Drivers 1-18 to 1-20
symbolic	
displaying	System Management 10-16
Device notation	
format	System Generation 3-31
/DEVICE qualifier	
PRINT command	Batch and Queue 2-6
SHOW QUEUE command	Batch and Queue 2-15
Device Statistics Block	System Management 17-33
Device statistics example	
Resource Accounting	System Management 17-8
Device switch	Error Logging 3-5, 3-8
Device timeout	
entry point	Writing I/O Driver 4-65
overview	Writing I/O Driver 2-5
Device timeout logging	Error Logging 4-21
Device-level module	Error Logging 4-11
adding to system	Error Logging 4-25
addition to device information	
table	Error Logging 4-34
bit-to-text translation	Error Logging 4-30
coroutine	Error Logging 4-30
device data declaration	Error Logging 4-26
device name	Error Logging 4-26
error type	Error Logging 4-30
EUNKWN	Error Logging 4-37
exit	Error Logging 4-31
* flag	Error Logging 4-28
intermodule variable	Error Logging 4-29
local work variable	Error Logging 4-29
MASSBUS	Error Logging 4-33 to 4-34
module statement	Error Logging 4-26
Non-MASSBUS	Error Logging 4-33 to 4-34
notes	Error Logging 4-31
procedure statement	Error Logging 4-26
register definitions	Error Logging 4-27
subpacket statement	Error Logging 4-26
DEVICES command	MCR Operations 3-48
command line format	MCR Operations 3-48
example	MCR Operations 3-48
keyword	
/LOG	MCR Operations 3-48
VMR	MCR Operations 3-48
command line format	System Management 10-16
example	System Management 10-16
System Management 10-16	System Management 10-16
DEVSML	Error Logging 4-7, 4-18, 4-34, 4-36
SLP	Error Logging 4-36
\$\$DEVT	
reserved PSECT name	Task Builder E-2

MASTER INDEX

DEVUDA
 DF condition test argument
 /DF switch
 LBR utility
 PIP utility
 DFIN\$G argument
 DFIN\$L argument
 DFL field in KEY block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 summary
 /DG switch
 LBR utility
 DH11
 remote
 DH11/DHV11 line multiplexer
 SYSGEN question
 /DI switch
 CMP utility
 FLX utility
 Diagnostic.
 program
 Diagnostic function
 user-mode
 Diagnostic Loader
 See DLD
 Diagnostic run
 FORTRAN IV source file
 MACRO-11 source file
 Dial-up line
 baud rate
 modem support
 SYSGEN question
 Dialog
 UETP
 example
 DIC
 DID field in NAM block
 CREATE operation
 ENTER operation
 ERASE operation
 offset
 OPEN operation
 PARSE operation
 REMOVE operation
 RENAME operation
 SEARCH operation
 summary
 DID field in NAM block field
 Diddley, Bo
 DIF condition test argument
 DIFFERENCES command

 DIGITAL Command Language
 See DCL
 Digital output
 bistable
 multipoint
 multipoint
 DIGITAL-supplied driver
 definition
 000000.DIR file

Error Logging 4-7
 PDP-11 MACRO-11 6-52

 Utilities 10-14
 Utilities 3-18
 RMS-11 Macros C-1
 RMS-11 Macros C-1

 RMS-11 Macros 5-20
 RMS-11 Macros 5-31
 RMS-11 Macros 6-67
 RMS-11 Macros 5-80
 RMS-11 Macros 6-73

 Utilities 10-15
 I/O Drivers 2-40, 3-29
 I/O Drivers 3-31

 System Generation 3-58

 Utilities 12-3
 Utilities 4-7

 System Management 15-33

 I/O Drivers 1-30

 Program Development 7-3 to 7-4
 Program Development 3-1 to 3-2
 I/O Drivers 2-42
 System Generation 3-59
 System Generation 3-62
 System Generation 3-58

 System Management 9-7
 Executive 1-2

 RMS-11 Macros 5-10, 5-21
 RMS-11 Macros 5-36 to 5-37
 RMS-11 Macros 5-41 to 5-42
 RMS-11 Macros 6-94
 RMS-11 Macros 5-73, 5-77
 RMS-11 Macros 5-87
 RMS-11 Macros 5-103, 5-105
 RMS-11 Macros 5-109 to 5-111
 RMS-11 Macros 5-116, 5-118
 RMS-11 Macros 6-95

 Introduction 4-9
 PDP-11 MACRO-11 6-52
 Command Language 4-69 to 4-75,
 9-13

 I/O Drivers 18-18
 I/O Drivers 18-17

 System Generation 1-12
 Command Language 5-11, 5-65

MASTER INDEX

/DIR keyword	
FIX command	
VMR	System Management 10-19
DIR macro	
MML	System Management 12-30
DIR\$ macro	I/O Drivers 1-16
Direct access	
See Random access	
Direct assignment	
operator	PDP-11 MACRO-11 3-1 to 3-2, 3-9
statement	PDP-11 MACRO-11 3-6 to 3-9, 3-13
Direction	
See ADVANCE or BACKUP	
Directive	
assembler	Introduction Gloss-11
summary	Program Development 1-5
assembler function	PDP-11 MACRO-11 B-3 to B-8
comment block	PDP-11 MACRO-11 6-18 to 6-22
conditional assembly	PDP-11 MACRO-11 6-18
cross-reference	PDP-11 MACRO-11 6-50 to 6-56
data storage	PDP-11 MACRO-11 6-21 to 6-22
Executive	PDP-11 MACRO-11 6-23 to 6-39
file control	Introduction 5-8
general assembler	PDP-11 MACRO-11 6-57 to 6-58
summary table	PDP-11 MACRO-11 6-1 to 6-3
immediate conditional assembly	PDP-11 MACRO-11 6-1 to 6-3
listing control	PDP-11 MACRO-11 6-56
arguments for	PDP-11 MACRO-11 6-3 to 6-18
macro	PDP-11 MACRO-11 6-10 to 6-12
	PDP-11 MACRO-11 7-1
	Executive 1-4
memory management	
in mapping	
.NAME	Task Builder 2-24
attributes for	Task Builder 3-27
example of use	Task Builder 3-28
ODL	Task Builder 3-28
.END	Task Builder 3-23 to 3-24
.FCTR	Task Builder 3-23
introduction	Task Builder 3-25
.ROOT	Task Builder 3-23
processing	Task Builder 3-23
program identification	Executive 1-2
program sectioning	PDP-11 MACRO-11 6-16 to 6-17
.PSECT	PDP-11 MACRO-11 6-40 to 6-48
rejection	Task Builder 3-29
symbol control	Executive 1-3
system	PDP-11 MACRO-11 6-48 to 6-49
terminating	Program Development 1-9 to 1-10
unconditional assembly	PDP-11 MACRO-11 6-39
use	PDP-11 MACRO-11 6-53
	Program Development 2-3, 2-5 to 2-6
use of parentheses	Task Builder 3-24
version number	PDP-11 MACRO-11 6-16 to 6-17
Directive common	
fixing	
removing	System Management 10-19
Directive Identification Code	System Management 10-34
See DIC	
Directive Parameter Block	
See DPB	
Directive status code	
Directive Status Word	
See also DSW	
register	
Directory	
See also UFD	
	I/O Operations I-1 to I-12
	Executive 1-2
	ODT 2-6, 5-3
	Introduction 5-5, 5-12, Gloss-11

MASTER INDEX

Directory (Cont.)
 default
 file specification
 listing
 purging
 wildcard context
 See WDI field in NAM block
 wildcard operation
 See NB\$WCH mask in FNB field
 DIRECTORY command

 DCL
 formats
 Directory entry
 creating
 See ENTER operation
 deleting
 See also REMOVE operation
 deleting wildcard
 inserting
 locating
 replacing
 See RENAME operation
 Directory files
 Directory Identification
 parsing
 Directory information
 inserting
 parsing
 Directory operation

 See also Operation
 new RMS feature
 Directory operation macro
 declaring
 \$ENTER
 \$PARSE
 \$REMOVE
 \$RENAME
 \$SEARCH
 Directory processing
 /DIRECTORY qualifier
 BRU utility
 Directory record
 declare global symbol
 end of global symbol
 global symbol
 end of
 internal symbol
 relocation
 Directory string
 reading
 writing
 Directory structure
 multiuser volume
 single-user volume
 DIRSYM.MAC
 /DIS keyword
 SWR command
 /DISABLE
 keyword
 CLI command
 subkeyword
 CLI command
 Disable AST Recognition directive

 RMS-11 User's Guide A-6
 RMS-11 User's Guide A-1, A-4
 Program Development 3-9
 Program Development 3-9 to 3-10

 Introduction 1-13, 3-1 to 3-3
 Command Language 4-22 to 4-31,
 9-14
 Program Development 3-9
 Introduction 3-5

 I/O Operations 4-16

 I/O Operations 4-16
 I/O Operations 4-15
 I/O Operations 4-13

 I/O Operations 5-2

 I/O Operations 4-10

 I/O Operations 4-16
 I/O Operations 4-12
 RMS-11 Introduction 4-1
 RMS-11 User's Guide 1-17
 RMS-11 Macros 3-5

 Release Notes 2-5

 RMS-11 Macros C-2
 RMS-11 Macros 5-35
 RMS-11 Macros 5-86
 RMS-11 Macros 5-102
 RMS-11 Macros 5-108
 RMS-11 Macros 5-116
 RMS-11 Macros 3-1

 Utilities 7-15

 Task Builder A-2
 Task Builder A-11

 Task Builder A-11
 Task Builder A-24
 Task Builder A-12

 I/O Operations 4-2
 I/O Operations 4-2 to 4-3

 I/O Operations 5-3
 I/O Operations 5-2
 Executive 4-3

 MCR Operations 3-221

 MCR Operations 3-36
 MCR Operations 3-38
 Executive 5-53

MASTER INDEX

Disable Checkpointing directive
 .DISABLE directive
 format
 operating mode
 \$DISCONNECT macro
 DISCONNECT operation

 block stream
 \$DISCONNECT macro
 indexed files
 record stream
 relative files
 sequential files
 Disk

 address space
 RCT
 backing up
 BRU utility
 DSC utility
 block
 random or sequential
 IOX
 testing range display
 IOX
 testing range for NFS volumes
 IOX
 cartridge
 RK05
 RK06
 RK07
 RL02
 comparing
 DSC utility
 compressing
 DSC utility
 conventional backup
 BRU utility
 copying
 BRU utility
 DSC utility
 data transfer
 DSC utility
 DB-type
 SYSGEN question
 device exercise example
 on RL02
 IOX
 NFS volume
 IOX
 displaying free space
 PIP utility
 VFY utility
 DK-type
 SYSGEN question
 DL-type
 SYSGEN question
 DM-type
 SYSGEN question
 DP-type
 SYSGEN question
 DR-type
 SYSGEN question
 DS-type
 SYSGEN question

Executive 5-55
 MCR Operations 4-31
 MCR Operations 4-31
 MCR Operations 4-31
 RMS-11 Macros 5-27
 RMS-11 Introduction 4-4
 RMS-11 User's Guide 1-15
 RMS-11 Macros 4-14
 RMS-11 Macros 5-27
 RMS-11 User's Guide 7-3
 RMS-11 Macros 4-9
 RMS-11 User's Guide 4-8
 RMS-11 User's Guide 3-7
 Introduction Gloss-11
 RMS-11 Macros 3-1, 5-20, 5-37,
 5-42, 5-77, 5-88, 5-104,
 5-111, 5-117

System Management 5-2

Utilities 7-1
 Utilities 8-1

System Management 4-49

System Management 4-50

System Management 4-50

I/O Drivers 5-3
 I/O Drivers 5-3
 I/O Drivers 5-3
 I/O Drivers 5-3

Utilities 8-14

Utilities 8-3

Utilities 7-4

Utilities 7-1
 Utilities 8-1

Utilities 8-25

System Generation 3-32

System Management 4-9

System Management 4-14

Utilities 3-23
 Utilities 9-5

System Generation 3-37

System Generation 3-40

System Generation 3-38

System Generation 3-41

System Generation 3-33

System Generation 3-34

MASTER INDEX

Disk (Cont.)	
DU-type	
SYSGEN question	System Generation 3-42
dual-port	
placing	
off line	System Management 15-3, 15-18
on line	System Management 15-22
DX-type	
SYSGEN question	System Generation 3-47
EM-type	
SYSGEN question	System Generation 3-35
emulator	
ML-11	I/O Drivers 5-4
examining data	
DMP utility	Utilities 11-1
exercising	
IOX	System Management 4-2
Files-11	
directory	
accessing	MCR Operations 3-74
home block	
modifying	MCR Operations 3-73
initializing	MCR Operations 3-78
parameter commands for	
IOX	System Management 4-8
protecting	MCR Operations 3-126
testing for	
IOX	System Management 4-63
fixed-head	
RF11/RS11	I/O Drivers 5-1
RS03	I/O Drivers 5-1
RS04	I/O Drivers 5-1
fixed-medium	
RA80	I/O Drivers 5-4
RA81	I/O Drivers 5-4
RD51	I/O Drivers 5-4A
fixed/removable	
RC25	I/O Drivers 5-4A
flexible	
RX01	I/O Drivers 5-4
RX02	I/O Drivers 5-4
RX50	I/O Drivers 5-4A
floppy	
density	
checking	MCR Operations 3-73
formatting	
FLX utility	Utilities 4-4
FMT utility	Utilities 5-1
full backup	
BRU utility	Utilities 7-3
geometry	I/O Drivers 5-2
I/O queue optimization	
specifying	MCR Operations 3-193
	System Management 10-53
image backup	
BRU utility	Utilities 7-4
initialization values	System Generation 2-10
initializing	
BRU utility	Utilities 7-2, 7-17
last-track	I/O Drivers 5-12
locating bad block	
BAD utility	Utilities 6-1
ML11	
SYSGEN question	System Generation 3-35
mounting	
BRU utility	Utilities 7-2

MASTER INDEX

Disk (Cont.)

MSCP

bad block handling

RCT

pack

RA60

RM02

RM03

RM05

RM80

RP02

RP03

RP04

RP05

RP06

power-fail recovery

preparation

private

public

RA60/80/81

SYSGEN question

RC25

SYSGEN question

RD51

SYSGEN question

recovering

lost block

VFY utility

space

DSC utility

removable/fixed

RC25

restoring

BRU utility

RK05

SYSGEN question

RK05F

SYSGEN question

RL01/RL02

SYSGEN question

RM02/03/05/80

SYSGEN question

RP02/RPR02/RP03

SYSGEN question

RP04/06/06

SYSGEN question

RP07

SYSGEN question

RS03/04

SYSGEN question

RX01

SYSGEN question

RX02

SYSGEN question

RX50

SYSGEN question

scratch

selective backup

BRU utility

status return

swapping

testing

selecting random testing

IOX

skipping blocks

IOX

verifying

System Management 5-3

I/O Drivers 5-4

I/O Drivers 5-3

I/O Drivers 5-3

I/O Drivers 5-3

I/O Drivers 5-3

I/O Drivers 5-1

I/O Drivers 5-1

I/O Drivers 5-3

I/O Drivers 5-3

I/O Drivers 5-3

I/O Drivers 1-39

Command Language 5-10 to 5-11

Program Development 1-12

Program Development 1-12

System Generation 3-42

System Generation 3-42

System Generation 3-42

Utilities 9-7

Utilities 8-3

I/O Drivers 5-4A

Utilities 7-1

System Generation 3-37

System Generation 3-37

System Generation 3-40

System Generation 3-33

System Generation 3-41

System Generation 3-32

System Generation 3-33

System Generation 3-34

System Generation 3-47

System Generation 3-48

System Generation 3-42

Command Language 5-10 to 5-11

Utilities 7-3

I/O Drivers 5-8 to 5-11

System Generation C-2

System Management 4-49

System Management 4-40

Utilities 9-1

MASTER INDEX

Disk	
verifying (Cont.)	
block	
VFY utility	Utilities 9-7
Disk controller	
UDA50	I/O Drivers 5-4
Disk device	
See also Medium	
drive	
structure	RMS-11 Introduction 2-1
cylinder	RMS-11 Introduction 2-1
platter	RMS-11 Introduction 2-1
sector	RMS-11 Introduction 2-1
track	RMS-11 Introduction 2-1
Disk image	Task Builder 2-8 to 2-9
conventional task	Task Builder 7-6
Disk Save and Compress Utility	
See DSC utility	
Disk space	
recovery	
See also DELETESYS.COMD	
after SYSGEN	System Generation 4-3
on pregenerated kit	System Generation 5-35
Disk versus tape	Introduction 5-12
Disk Volume Formatter Utility	
See FMT utility	
Disk-overlaid RMS-11	
compared with V1.8	
new RMS feature	Release Notes 2-15
Disk-resident	Release Notes 2-3
overlay	
	Task Builder 3-1 to 3-2
loading	RMS-11 User's Guide 1-13, 8-3,
remote access code	8-8 to 8-9
overlay structure	Task Builder 4-1
DISMOUNT command	RMS-11 User's Guide B-1
	Task Builder 3-2
command line format	Command Language 5-9, 5-11 to
error message	5-12, 5-38, 5-42 to 5-46,
example	9-14
keyword	MCR Operations 3-51
/DEV	MCR Operations 3-51
/LOCK	MCR Operations 3-53
/USER	MCR Operations 3-53
Dismount Device Transaction Block	MCR Operations 3-52
Dispatch module	MCR Operations 3-52
subpacket definition	MCR Operations 3-52
Dispatch module path	System Management 17-31
brief report	Error Logging 4-3, 4-11
full report	Error Logging 4-69 to 4-71
no report	
register report	Error Logging 4-15
Dispatch procedure	Error Logging 4-15
Dispatching	Error Logging 4-15
event-level	Error Logging 4-10
Displaced relocation	
internal	Error Logging 4-16
Display	Task Builder A-15
IOX	
bad blocks list	System Management 4-25
commands as a category	System Management 4-3

MASTER INDEX

Display	
IOX (Cont.)	
continuing	
with PROCEED	
mode	System Management 4-48
DISPLAY command	ODT 4-1, 4-3, 4-6, 6-5
CON	
command line format	System Management 15-9
example	System Management 15-9
keyword	System Management 15-10
ALL	System Management 15-10
ATTRIBUTES	System Management 15-10
CONTROLLERS	System Management 15-9
FULL	System Management 15-9
UNITS	System Management 15-9
wildcard	System Management 15-10
Shadow Recording	System Management 18-9
Display information (RMSDSP)	RMS-11 Utilities 5-1
allocation information	RMS-11 Utilities 5-4
area information	RMS-11 Utilities 5-4
attributes	RMS-11 Utilities 5-4
examples	RMS-11 Utilities 5-5
key information	RMS-11 Utilities 5-4
\$DISPLAY macro	RMS-11 Macros 5-29
RSTS/E	RMS-11 Macros D-4
Display mode	MCR Operations 4-32
DISPLAY operation	RMS-11 Introduction 4-2
	RMS-11 User's Guide 1-18
	RMS-11 Macros 3-7
	RMS-11 Macros 2-8
	RMS-11 Macros 5-29
	RMS-11 Macros 2-7
	RMS-11 Macros 3-10
	Utilities 7-16
BDB requirement	ODT 4-2 to 4-6
\$DISPLAY macro	Introduction 1-11, 1-16 to 1-20,
I/O buffer requirement	5-9
wildcard loop	ODT 4-1
/DISPLAY qualifier	
BRU utility	Introduction 2-5, 2-7 to 2-8
Displaying	ODT 4-2 to 4-6
byte location	
information	
location	
text	
EDT editor	
word location	
Displaying attributes (RMSDES)	
See Attribute	
Displaying files	RMS-11 User's Guide 1-10, 1-12
Distributed I/O	Writing I/O Driver 1-16
Distribution kit	
See also Pregenerated kit	
backup set	System Generation 2-4
contents	System Generation 2-3
copying	System Generation 2-6
on line	System Generation 2-14
stand alone	System Generation 2-7
definition	System Generation 1-1
label	System Generation 2-4
magtape	System Generation 2-4
RC25	System Generation 2-3
RK07 disk	System Generation 2-4
RL02 disk	System Generation 2-3
types	System Generation 2-3
\$DIV (Integer divide)	System Library 3-2
Divide routine	
divide (\$DIV)	System Library 3-2
double-precision divide (\$DDIV)	System Library 3-3
Division operator	PDP-11 MACRO-11 3-2, 3-5
DJ11	I/O Drivers 2-40, 3-30

MASTER INDEX

DJ11 line multiplexer	System Generation 3-60
SYSGEN question	
DK-type disk	System Generation 3-37
SYSGEN question	Task Builder 10-15
/DL switch	
DL-type disk	System Generation 3-40
SYSGEN question	I/O Drivers 2-40, 3-30
DL11	I/O Drivers 3-33
receiver interrupt enable	
DL11/DLV11 line interface	System Generation 3-57
SYSGEN question	System Management 15-33
DLD	System Management 15-34
command line format	System Management 15-35
example	
DM-type disk	System Generation 3-38
SYSGEN question	
DM11-BB interface	System Generation 3-60
SYSGEN question	
DMAP macro	System Management 12-31 to 12-34
MML	I/O Drivers 12-3
DMC11	
DMC11 line interface	System Generation 3-64
SYSGEN question	MCR Operations 3-51
DMO command	Crash Dump Analyzer 2-2
/DMP	Command Language 5-12
DMP utility	Utilities 11-2
command line	Utilities 11-12
error message	Utilities 11-8
example	
mode	
device	Utilities 11-2
file	Utilities 11-1
switch	Utilities 11-3
DMPALL	Error Logging 4-8
DMR11 line interface	
SYSGEN question	System Generation 3-64
\$DMUL (Double-precision multiply)	System Library 3-3
DNA field in FAB	RMS-11 Macros 3-3
CREATE operation	RMS-11 Macros 5-10
ENTER operation	RMS-11 Macros 5-36
ERASE operation	RMS-11 Macros 5-41
offset	RMS-11 Macros 6-24
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-87
REMOVE operation	RMS-11 Macros 5-103
RENAME operation	RMS-11 Macros 5-109 to 5-110
summary	RMS-11 Macros 6-35
DNS field in FAB	RMS-11 Macros 3-3
CREATE operation	RMS-11 Macros 5-10
ENTER operation	RMS-11 Macros 5-36
ERASE operation	RMS-11 Macros 5-41
offset	RMS-11 Macros 6-24
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-87
REMOVE operation	RMS-11 Macros 5-103
RENAME operation	RMS-11 Macros 5-109 to 5-110
summary	RMS-11 Macros 6-36
/DNS switch	
FLX utility	Utilities 4-7
\$DNUM	
predefined syntax element in	
MML	System Management 12-40
/DO switch	
FLX utility	Utilities 4-4
Documentation set	
organization	System Generation 4-7

MASTER INDEX

Dollar sign (\$)	MCR Operations 3-154
Dollar sign (\$) symbol	ODT 2-6
ODT	Program Development 5-6 to 5-8
/DOLLARS qualifier	
DATA command	Batch and Queue 3-6
\$DONUM	
predefined syntax element in	
MML	System Management 12-40
Dormant task	Introduction 5-7, Gloss-11,
	Gloss-33
	Command Language 7-1
DOS-11	
device support	Utilities 4-1
FLX utility	
file copying	Utilities 4-3
FLX utility	
volume	
deleting	Utilities 4-10
FLX utility	
directory listing	Utilities 4-8
FLX utility	
initializing	Utilities 4-10
FLX utility	ODT 2-5, 7-3
Dot (.)	PDP-11 MACRO-11 3-2
Double ASCII character indicator	PDP-11 MACRO-11 6-25
Double quote character	System Library 3-3
Double-precision divide (\$DDIV)	System Library 3-3
Double-precision multiply (\$DMUL)	System Library 3-2
Double-precision routine	
Doubleword	Writing I/O Driver 7-1 to 7-2
address	EDT Editor 2-10, 5-13
DOWN function	
DP command	Program Development 2-17
EDI editor	Utilities 2-14, 2-31
EDI editor	
DP-type disk	
SYSGEN question	System Generation 3-41
DP11	I/O Drivers 12-3
DPB	Executive 1-2
	I/O Drivers 1-13
details	Writing I/O Driver 4-11
diagnostic	Writing I/O Driver 4-14 to 4-15
format	I/O Drivers 1-31
I/O function allowances	Writing I/O Driver 4-14 to 4-15
on stack	Writing I/O Driver 4-19
pointer on stack	Executive 1-4
previously defined	Executive 1-4
QIO	I/O Drivers 1-16
usage in creating I/O packet	I/O Drivers 1-14
/DPR subkeyword	Writing I/O Driver 3-2
CLI command	
DQ11	MCR Operations 3-38
DR-type disk	I/O Drivers 12-3
SYSGEN question	
DR11-K	System Generation 3-33
DRDSP	I/O Drivers 22-2
directive dispatcher	
DRGIN.MAC	Writing I/O Driver 3-2
Drive	Executive 1-12
Drive serial numbers	RMS-11 Introduction 2-1
significant numbers	
Driver	Error Logging B-1
acceptance routine	Writing I/O Driver 1-2
accessing a controller	Writing I/O Driver 1-13
advanced feature	Writing I/O Driver 1-17
	Writing I/O Driver 1-7, 1-10 to
	1-11, 1-13 to 1-14

MASTER INDEX

Driver (Cont.)	
advanced features	Writing I/O Driver 1-15 to 1-16, 2-4
assembling	
during system generation	Writing I/O Driver 5-3
building	
loadable	Writing I/O Driver 5-2
resident	Writing I/O Driver 5-2
code	Writing I/O Driver 1-19
creating	Writing I/O Driver 4-4
definition	Writing I/O Driver 1-5
function	Writing I/O Driver 4-4
general description	Writing I/O Driver 4-4
requirements	Writing I/O Driver 4-59
usage of symbolic offsets	Writing I/O Driver 4-59
coding	Writing I/O Driver 1-3
conversion routine	Writing I/O Driver 1-15
converting RSX-11M to RSX-11M-PLUS	
adding \$GTPKT	Writing I/O Driver B-4
adding the DDT\$ macro call	Writing I/O Driver B-4
conditional symbols	Writing I/O Driver B-4
handling function codes	Writing I/O Driver B-6
interrupt entry point	Writing I/O Driver B-6
LBN conversion	Writing I/O Driver B-6
modifying the driver code	Writing I/O Driver B-4
reconfiguration support	Writing I/O Driver B-5
using \$CVLBN	Writing I/O Driver B-6
using INTSV\$	Writing I/O Driver B-6
volume valid processing	Writing I/O Driver B-5
creating source code	Writing I/O Driver 4-4
data base	Writing I/O Driver 1-4, 1-18
linkages	Writing I/O Driver 1-18
data structure	Writing I/O Driver 1-4, 4-27
accessing	Writing I/O Driver 4-2
details	Writing I/O Driver 4-10
symbolic offsets	Writing I/O Driver 4-2
DDT\$ macro call	
arguments	Writing I/O Driver 4-5 to 4-6
placement of	Writing I/O Driver 4-5 to 4-6
debugging	Writing I/O Driver 1-20, 6-1 to 6-6, 6-8, 6-10 to 6-13
using CDA	Writing I/O Driver 6-1
using XDT	Writing I/O Driver 6-1
defining labels	Writing I/O Driver 4-60
definition	System Generation 1-8
details of code	Writing I/O Driver 4-59 to 4-70
device	Introduction 5-4, Gloss-10
loaded	
testing	MCR Operations 4-41
loading	MCR Operations 3-108
pool requirements	System Management 10-27
unloading	MCR Operations 3-110
	MCR Operations 3-231
	System Management 10-75
dual-access	Writing I/O Driver 1-12
entry points	Writing I/O Driver 1-4, 2-4
	Writing I/O Driver 4-62
See also Driver entry point	
executable instructions	Writing I/O Driver 1-4
executing on correct processor	Writing I/O Driver 1-18
Executive	
choosing options	Writing I/O Driver 5-9 to 5-11
Executive services	
typically used	Writing I/O Driver 3-4 to 3-6
for NPR devices (on PDP-11)	Writing I/O Driver 7-2
full-duplex	Writing I/O Driver 4-13

MASTER INDEX

Driver (Cont.)

GTPKT\$ macro call	
arguments	Writing I/O Driver 4-7
placement of	Writing I/O Driver 4-7
handling full-duplex operations	Writing I/O Driver 1-13
handling multiple I/O requests	Writing I/O Driver 1-13
I/O packet	Writing I/O Driver 1-4
I/O queue	
placement of I/O packet	Writing I/O Driver 4-11
I/O request	
function codes for	Writing I/O Driver 4-13
processing	Writing I/O Driver 1-15 to 1-16
I/O requirements	Writing I/O Driver 4-19
incorporating	Writing I/O Driver 1-18 to 1-19, 5-1
at system generation	Writing I/O Driver 5-1
guidelines for	Writing I/O Driver 5-1
loadable	Writing I/O Driver 5-1
resident	Writing I/O Driver 5-1
initiating I/O	Writing I/O Driver 1-17
interrupt handling	Writing I/O Driver 1-8
interrupt level	Writing I/O Driver 1-6, 1-8
interrupts	Writing I/O Driver 7-1
INTSV\$ macro call	
arguments	Writing I/O Driver 4-8
placement of	Writing I/O Driver 4-8
loadable	
definition	Writing I/O Driver 1-2
entry points for LOAD and UNLOAD	Writing I/O Driver 4-9
incorporating	Writing I/O Driver 1-18, 5-1 to 5-2
rebuilding and reincorporating a SYSGEN question	Writing I/O Driver 6-13
with loadable data base	System Generation 3-23
with resident data base	Writing I/O Driver 1-19
loadable data base	Writing I/O Driver 1-19
incorporating	Writing I/O Driver 5-1 to 5-2
loading	Writing I/O Driver 5-5
on pregenerated kit	System Generation 5-30, 5-36
macro call	Writing I/O Driver 4-4 to 4-5
mapping with Executive	Writing I/O Driver 1-2 to 1-3
modifying data in UCB module	Writing I/O Driver 2-3
inserting into library	Writing I/O Driver 5-4
MSCP	
command ring	System Generation 3-43
partition	Writing I/O Driver 5-5
predriver initiation	Writing I/O Driver 3-2
process	Writing I/O Driver 1-11
definition	Writing I/O Driver 1-5
processing	
I/O request	Writing I/O Driver 1-4, 3-3
interrupts	Writing I/O Driver 1-6
programming	
conventions	Writing I/O Driver 4-1
requirements	Writing I/O Driver 4-4 to 4-9
protocol	Writing I/O Driver 1-8, 4-1
requesting I/O packet	Writing I/O Driver 1-5, 1-17
resident	Writing I/O Driver 1-18
definition	Writing I/O Driver 1-2
incorporating	Writing I/O Driver 1-18, 5-1 to 5-2
with resident data base	Writing I/O Driver 1-19
sample source code	Writing I/O Driver 8-3 to 8-12
servicing	

MASTER INDEX

Driver

servicing (Cont.)	
I/O request	Writing I/O Driver 1-4
specifying as loadable	Writing I/O Driver 4-9
standards	Writing I/O Driver 4-1
system generation	Writing I/O Driver 5-4 to 5-5
dialogue summary	Writing I/O Driver 5-9
effect	Writing I/O Driver 5-3
system macro call	
arguments	Writing I/O Driver 4-5
general functions	Writing I/O Driver 4-5
taskbuilding	Writing I/O Driver 5-4 to 5-5
terminal	Introduction 4-1
type	Writing I/O Driver 1-2
UMR procedures	Writing I/O Driver 7-2 to 7-5
user-supplied	
SYSGEN question	System Generation 3-65
user-written	
debugging	MCR Operations 3-26
XDT support	Writing I/O Driver 6-1
Driver Dispatch Table	Writing I/O Driver 4-4
address of routines	Writing I/O Driver 1-4
entry points	Writing I/O Driver 2-4
association of	Writing I/O Driver 4-60
format	Writing I/O Driver 4-60
generation of	Writing I/O Driver 4-4
from DDT\$	Writing I/O Driver 4-60
labels required	Writing I/O Driver 4-60
layout	Writing I/O Driver 4-61
link to the driver code and	
data base	Writing I/O Driver 4-60
Driver entry point	Writing I/O Driver 2-4
block check and conversion	Writing I/O Driver 4-62
cancel I/O	Writing I/O Driver 4-62, 4-64 to 4-65
	Writing I/O Driver 4-62, 4-66 to 4-68
controller status change	Writing I/O Driver 4-66
	Writing I/O Driver 4-62, 4-65
deallocation	Writing I/O Driver 4-62 to 4-64
device timeout	Writing I/O Driver 4-62, 4-69 to 4-70
I/O initiation	Writing I/O Driver 4-65
interrupt	Writing I/O Driver 4-62, 4-66
	Writing I/O Driver 4-65
next command	Writing I/O Driver 4-62, 4-66
power failure	Writing I/O Driver 4-65
queue optimization	Writing I/O Driver 4-62
standard labels	Writing I/O Driver 4-62, 4-68 to 4-69
unit status change	
DRQIO	
performing redirect algorithm	Writing I/O Driver 3-2
\$DRQRQ routine	Writing I/O Driver 1-15
locating the conversion routine	Writing I/O Driver 1-15
/DRV keyword	
OPEN command	MCR Operations 3-139
DRVll	I/O Drivers 22-2
/DS switch	PDP-11 MACRO-11 8-6
DS-type disk	
SYSGEN question	System Generation 3-34
.DSABL directive	PDP-11 MACRO-11 6-19 to 6-21
arguments for	PDP-11 MACRO-11 6-19 to 6-21
/DSABLE qualifier	PDP-11 MACRO-11 8-8
DSAR\$\$	Executive 5-53
\$DSB	
predefined syntax element in	
MML	System Management 12-43
DSC utility	Command Language 5-12
bad block information	Utilities 8-9

MASTER INDEX

DSC utility (Cont.)	
command line	Utilities 8-5
parameter	Utilities 8-5
stand-alone	Utilities 8-21
data transfer	Utilities 8-24
device support	Utilities 8-4
error message	Utilities 8-28
file label	Utilities 8-8
initiating	Utilities 8-5
operation overview	Utilities 8-19
stand-alone	
command line	Utilities 8-21
DSC64K.SYS	Utilities 8-23
CNF and	Utilities 8-24
DSCSYS.SYS	Utilities 8-19
switch	Utilities 8-6
on-line	Utilities 8-9
stand-alone	
DSC64K.SYS	Utilities 8-24
DSCSYS.SYS	Utilities 8-20
summary	Utilities 8-7, 8-20
terminating	Utilities 8-5
DSCP\$S	Executive 5-55
DSP1M1	
subpacket definition	Error Logging 4-72
DSP1P1	Error Logging 4-4
subpacket definition	Error Logging 4-72
DSP2M1	
subpacket definition	Error Logging 4-73
DSP2P1	Error Logging 4-5, 4-36, 4-57 to 4-66
subpacket definition	Error Logging 4-73
summary report	Error Logging 4-16
DSP3M1	
subpacket definition	Error Logging 4-73
DSP3P1	
subpacket definition	Error Logging 4-73
DSP4M1	
subpacket definition	Error Logging 4-74
DSP4P1	Error Logging 4-5
subpacket definition	Error Logging 4-74
DSP5M1	
subpacket definition	Error Logging 4-74
DSP5P1	Error Logging 4-5, 4-19
subpacket definition	Error Logging 4-74
DSP6M1	
subpacket definition	Error Logging 4-74
DSP6P1	Error Logging 4-6
subpacket definition	Error Logging 4-74
DSP7M1	
subpacket definition	Error Logging 4-75
DSP7P1	Error Logging 4-6
subpacket definition	Error Logging 4-75
DSPPAT option	Task Builder 11-13
DSR (Dynamic Storage Region)	
See Pool	
DSS/DRS	
configuration	I/O Drivers 18-7
DSS11	I/O Drivers 18-1
address assignment	I/O Drivers 18-2
\$DSW	Executive 1-2
DSW	Executive 1-2
DT-type magtape	
SYSGEN question	System Generation 3-46
DT07 bus switch	I/O Drivers 23-1
device-specific QIO	Writing I/O Driver 1-16
	I/O Drivers 23-4 to 23-6

MASTER INDEX

DT07 bus switch (Cont.)
 FORTRAN interface
 power-fail recovery
 standard QIO
 status return
 \$DTER
 DTP field in KEY block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 summary
 DTRG\$
 DU-type disk
 SYSGEN question
 DUL1
 Dual-access
 operation of
 Dual-access device
 definition
 SYSGEN question

 Dual-access support
 Dummy argument
 /DUMP
 Dump
 See PMD
 See also Postmortem dump
 See also Snapshot dump
 memory
 Dumping file
 DMP utility
 DUP11
 DUP11 line interface
 SYSGEN question
 Duplicate key

 See also XB\$DUP mask in FLG
 field
 DUPLICATE qualifier
 DUPLICATES
 RMSDES utility
 area section
 /DV switch
 Vfy utility
 DVB field in KEY block
 DISPLAY operation
 offset
 OPEN operation
 summary
 \$DVCER
 \$DVERR
 DVI field in NAM block
 CREATE operation
 ENTER operation
 ERASE operation
 offset
 OPEN operation
 PARSE operation
 REMOVE operation
 RENAME operation
 SEARCH operation
 summary
 \$DVMSG routine
 \$DVTMO
 DX-type disk
 SYSGEN question

 I/O Drivers 23-8
 I/O Drivers 23-6
 I/O Drivers 23-2 to 23-3
 I/O Drivers 23-7
 Error Logging 4-21

 RMS-11 Macros 5-18
 RMS-11 Macros 5-31
 RMS-11 Macros 6-67
 RMS-11 Macros 5-80
 RMS-11 Macros 6-74
 Executive 5-56

 System Generation 3-42
 I/O Drivers 12-3
 Writing I/O Driver 1-11
 Writing I/O Driver 2-10

 System Generation 1-12
 System Generation 3-33 to 3-34,
 3-39
 Writing I/O Driver 1-11
 PDP-11 MACRO-11 7-2
 Crash Dump Analyzer 2-2

 Task Builder D-1

 Utilities 11-1
 I/O Drivers 12-4

 System Generation 3-65
 RMS-11 Introduction 3-10
 RMS-11 User's Guide 6-8

 EDT Editor 7-3

 RMS-11 Utilities 2-40, 2-42
 RMS-11 Utilities 2-44

 Utilities 9-5

 RMS-11 Macros 5-31
 RMS-11 Macros 6-68
 RMS-11 Macros 5-80
 RMS-11 Macros 6-75
 Error Logging 4-22
 Error Logging 4-22
 RMS-11 Macros 3-3
 RMS-11 Macros 5-10, 5-21
 RMS-11 Macros 5-36 to 5-37
 RMS-11 Macros 5-41 to 5-42
 RMS-11 Macros 6-94
 RMS-11 Macros 5-73, 5-77
 RMS-11 Macros 5-88
 RMS-11 Macros 5-103, 5-105
 RMS-11 Macros 5-109 to 5-111
 RMS-11 Macros 5-116
 RMS-11 Macros 6-96
 Writing I/O Driver 7-17
 Error Logging 4-21

 System Generation 3-47

MASTER INDEX

DY-type disk
 SYSGEN question
 Dynamic checkpoint space
 allocation
 Dynamic common region
 checkpointing
 shuffling
 Dynamic memory
 Dynamic region

 Dynamic storage region
 See Pool
 DYNAMIC TABLE statement
 DZ11
 remote
 DZ11/DZV11 line multiplexer
 SYSGEN question

E

E command
 E error
 summary
 E register
 Ell34
 Ell44
 Ell7X
 EllXX
 /EA switch
 /EBC keyword
 SET command
 VMR
 EBCDIC
 Echo

 /ECHO keyword
 SET command
 VMR
 Echo option

 ED command
 EDI editor
 EDI editor

abbreviating
 strings
 altering
 text
 AP command
 asterisk (*)
 BEGIN command
 block mode
 CHANGE command
 character erase
 command
 basic
 detailed reference summary
 device output
 file I/O
 function summary
 locator
 macro
 set up

System Generation 3-48

 System Generation C-6

 System Management 14-3
 System Management 14-5
 System Generation C-4
 Executive 5-42
 Task Builder 2-20, 5-40 to 5-43

Error Logging 5-37
 I/O Drivers 2-40, 3-30
 I/O Drivers 3-31 to 3-32

System Generation 3-61

ODT 2-8, 6-3
 PDP-11 MACRO-11 6-39
 PDP-11 MACRO-11 D-3
 ODT 2-7, 5-4
 Error Logging 4-8
 Error Logging 4-8
 Error Logging 4-8
 Error Logging 4-8
 Task Builder 10-16

 MCR Operations 3-179
 System Management 10-48
 I/O Operations G-17
 Introduction 1-6, Gloss-11
 Command Language 3-11

MCR Operations 3-180
 System Management 10-49
 MCR Operations 3-180
 System Management 10-49

Utilities 2-32
 Introduction 2-3
 Command Language 4-20 to 4-22,
 9-16
 Program Development 1-3 to 1-4

Program Development 2-16

Program Development 2-16, 7-5
 Program Development 2-17
 Program Development 2-10
 Program Development 2-14
 Program Development 1-3
 Program Development 2-16, 7-5
 Utilities 2-6
 Program Development 2-12 to 2-18
 Utilities 2-9
 Utilities 2-27
 Utilities 2-26
 Utilities 2-25
 Utilities 2-20
 Utilities 2-22
 Utilities 2-25
 Utilities 2-21

MASTER INDEX

EDI editor	
command (Cont.)	
summary	Utilities 2-10
text manipulation	Utilities 2-23 to 2-24
text modification	Utilities 2-23 to 2-24
control mode	Utilities 2-3
convention	
command	Utilities 2-8
terminal	Utilities 2-6
correcting	
source file error	Program Development 7-4 to 7-5
task error	Program Development 4-9, 7-9
creating	
file	Program Development 2-9 to 2-10, 2-12, 7-2 to 7-3
deleting	
characters	Program Development 2-17
lines	Program Development 2-17
displaying	
text	Program Development 2-13
DP command	Program Development 2-17
ellipsis	Program Development 2-16
END command	Program Development 2-14
error message	Utilities 2-56
command level information	Utilities 2-57
fatal	Utilities 2-64
file access	Utilities 2-60
requiring EDI restart	Utilities 2-61
ESCAPE key	Program Development 2-13
example	Utilities 2-51
EXIT command	
closing file	Program Development 2-10, 7-7
creating new file	Program Development 2-12, 2-18, 7-5
file specification	
default	Utilities 2-2
format	Utilities 2-2
initiating (invoking)	Utilities 2-1
input	
initial	Program Development 2-9, 7-3
terminating	Program Development 2-10
INSERT command	Program Development 2-18, 7-7
insert mode	Program Development 2-18
inserting	
characters	Program Development 2-17
lines	Program Development 2-9, 2-18
line erase	Utilities 2-7
LIST command	Program Development 2-13
LOCATE command	Program Development 2-14, 2-18, 7-4 to 7-5, 7-7
locating	
text	Program Development 2-14 to 2-15, 7-4 to 7-5
paging	Utilities 2-5
PLOCATE command	Program Development 2-15
positioning	
line pointer	Program Development 2-14 to 2-15
RENEW command	Program Development 2-15
RETURN key	Program Development 2-9 to 2-10, 2-13, 2-18, 7-7
slash (/)	Utilities 2-7
text access mode	Program Development 2-16
block mode	Utilities 2-3
line-by-line mode	Utilities 2-4
text file	Utilities 2-4

MASTER INDEX

EDI editor
 text file (Cont.)
 creating
 input
 output
 secondary
 TYPE command

 usage notes
 EDIT command

 EDIT/EDT command

 EDIT/SLP command
 Editor
 EDI

 EDI
 EDT
 K52

 KED

 SLP

 SOS

 TECO

 text
 See also EDI editor, EDT editor
 \$EDMSG (Edit message)
 \$EDR
 predefined syntax element in
 MML
 EDT editor

 buffer
 change mode
 command line
 command line qualifier
 controlling characteristics of
 COPY command
 copying text
 DEC Standard Editor

 DEFINE command
 DELETE command
 deleting text
 displaying text
 ending a keypad session
 ending a line editing session
 ending a nokeypad session
 example of command line
 EXIT command
 features
 FIND command
 HELP command
 INSERT command
 journaling
 line
 definition of
 length
 number
 truncation

 Utilities 2-2
 Utilities 2-6
 Utilities 2-6
 Utilities 2-6
 Program Development 2-13 to 2-14,
 2-17
 Utilities 2-50
 Introduction 2-3, 4-3
 Command Language 4-14, 4-21 to
 4-22
 Command Language 4-14 to 4-16,
 9-15
 Command Language 4-17 to 4-19
 Introduction 2-2, 2-17, Gloss-12
 Command Language 4-20 to 4-22,
 9-15
 Utilities 2-1
 Command Language 4-14 to 4-16
 Command Language 4-20 to 4-22,
 9-16
 Command Language 4-20 to 4-22,
 9-16
 Command Language 4-17 to 4-19,
 9-15
 Command Language 4-20 to 4-22,
 9-16
 Command Language 4-20 to 4-22,
 9-16
 Program Development 1-3 to 1-4

 System Library 6-5

 System Management 12-44
 Introduction 2-3
 Program Development 1-3
 Introduction 2-4, 2-17
 Introduction 2-3, 2-17, Gloss-6
 EDT Editor 2-2, 4-1
 EDT Editor 4-1
 EDT Editor 9-1
 Introduction 2-10 to 2-11
 Introduction 2-10 to 2-11
 Command Language 4-14 to 4-16,
 9-15
 Introduction 2-17, Gloss-9
 Introduction 2-12, 2-14
 Introduction 2-12
 Introduction 2-5, 2-7 to 2-8
 EDT Editor 2-19, 5-9
 EDT Editor 2-24, 7-8, 7-14
 EDT Editor 2-44, 8-10
 EDT Editor 4-1
 Introduction 2-15, 3-9
 EDT Editor 1-1
 Introduction 2-13
 Introduction 2-6
 Introduction 2-4, 2-9
 Introduction 2-17, Gloss-18

 Introduction 2-16
 Introduction 2-16
 Introduction 2-9, Gloss-19
 Introduction 2-16

MASTER INDEX

EDT editor	
line (Cont.)	
wrapping	Introduction 2-16
line mode	Introduction 2-4, Gloss-19
line number	Introduction 2-4, 2-8
line pointer	Introduction 2-5, 2-8 to 2-9, 2-13, Gloss-19
minus sign (-) command	Introduction 2-13 to 2-14
mode	
change	Introduction 2-17, Gloss-6
line	Introduction Gloss-19
MOVE command	Introduction 2-10 to 2-11
moving text	Introduction 2-10 to 2-11
number	
line	Introduction 2-8 to 2-9
plus sign (+) command	Introduction 2-13 to 2-14
prompt	Introduction 2-3
QUIT command	Introduction 2-14 to 2-15
quotation marks	Introduction 2-13 to 2-14
range	Introduction 2-5 to 2-9, 2-11 to 2-14
replacing text	Introduction 2-11
RESEQUENCE command	Introduction 2-9 to 2-11
restriction	Release Notes 1-36
searching	
text	Introduction 2-13
show version number of	EDT Editor 9-17
starting a keypad session	EDT Editor 2-5, 5-1
starting a line editing session	EDT Editor 2-20, 7-1
starting a nokeypad session	EDT Editor 2-36, 8-1
starting an editing session	EDT Editor 2-3, 4-1
SUBSTITUTE command	Introduction 2-11 to 2-12
summary	Introduction 2-17
text	
displaying	Introduction 2-5, 2-7 to 2-8
truncation	
line	Introduction 2-16
TYPE command	Introduction 2-4, 2-8, 2-15
wrapping	
line	Introduction 2-16
EDT field in DAT block	
DISPLAY operation	RMS-11 Macros 5-32
offset	RMS-11 Macros 6-14
OPEN operation	RMS-11 Macros 5-81
summary	RMS-11 Macros 6-18
EDT field in NAM block	
RSX-11	RMS-11 Macros D-4
EDTINI.EDT	EDT Editor 1-5, 4-9 to 4-10
Eight-bit character option	MCR Operations 3-179
	System Management 10-48
	Task Builder 10-17
	Executive 5-58
/EL switch	
ELAW\$	
Element	
extended arithmetic	
specifying	Task Builder 10-16
Elevator	
definition	Writing I/O Driver 1-15
ELGF\$	Executive 5-60
ELI	Error Logging 1-1
/AP switch	Error Logging 2-3, 2-8
Append switch	Error Logging 2-3, 2-8
Delete subswitch	Error Logging 2-3, 2-8
/BA switch	Error Logging 2-3, 2-9
Backup switch	Error Logging 2-3, 2-9
error messages	
console terminal	Error Logging 2-11
user terminal	Error Logging 2-11

MASTER INDEX

ELI (Cont.)	
file naming switch	Error Logging 2-8
Hard error limit switch	Error Logging 2-3, 2-7
/HL switch	Error Logging 2-3, 2-7
installing	
privileged	Error Logging 2-1
startup command file	Error Logging 2-1
invoking	Error Logging 2-2
privileged	Error Logging 2-1
/LIM switch	Error Logging 2-3, 2-6
Limit switch	Error Logging 2-3, 2-6
/LOG switch	Error Logging 2-2 to 2-5, 2-8
Log switch	Error Logging 2-3 to 2-5, 2-8
error limiting and	Error Logging 2-2
New version subswitch	Error Logging 2-3, 2-6
No limit subswitch	Error Logging 2-3, 2-5 to 2-6
No limit switch	Error Logging 2-3, 2-6
No log switch	Error Logging 2-4
/NOLIM switch	Error Logging 2-3, 2-6
/NOLOG switch	Error Logging 2-4
nonprivileged command	Error Logging 2-2
privileged commands	Error Logging 2-2
/R switch	Error Logging 2-4
/RE switch	Error Logging 2-7
Reset switch	Error Logging 2-4, 2-7
/SH switch	Error Logging 2-4, 2-10 to 2-11
Show switch	Error Logging 2-2, 2-4, 2-10 to 2-11
/SL switch	Error Logging 2-4, 2-7
Soft error limit switch	Error Logging 2-4, 2-7
subswitch summary	Error Logging 2-3
/SW switch	Error Logging 2-4, 2-8
switch functions	Error Logging 2-1
switch summary	Error Logging 2-3
Switch switch	Error Logging 2-4, 2-8
Delete subswitch	Error Logging 2-4, 2-9
New version subswitch	Error Logging 2-4, 2-9
using ERRLOG defaults	Error Logging 2-2
ELI command	
reset limit	Error Logging 1-4
ELI show switch	
QIO count	Error Logging 2-11
ELI switches	
type	
display	Error Logging 2-2
file naming	Error Logging 2-2
limiting	Error Logging 2-2
logging	Error Logging 2-2
/ELIM keyword	
CLI command	MCR Operations 3-36
FLA command	MCR Operations 3-57
Eliminate Address Window	
directive	Executive 5-58
Eliminate Group Global Event	
Flags directive	Executive 5-60
Eliminate Virtual Terminal	
directive	Executive 5-62
Ellipsis	
EDI editor	Program Development 2-16
ELVT\$	Executive 5-62
EM-type disk	
SYSGEN question	System Generation 3-35
Emit Status	Executive 5-64
EML11	Error Logging 4-8
EMST\$	Executive 5-64
/EN switch	PDP-11 MACRO-11 8-6

MASTER INDEX

/EN switch (Cont.)
 PIP utility
 QUE /DEL command
 QUE /LI command
 .ENABL directive
 arguments for
 Enable AST Recognition directive
 Enable Checkpointing directive
 .ENABLE directive
 example
 format
 operating mode
 /ENABLE keyword
 CLI command
 /ENABLE qualifier
 ENABLE statement
 ENAR\$\$
 Encoding function
 ENCP\$\$
 END
 range specification
 END command
 EDI editor
 EDI editor
 .END directive

 format
 End of global symbol directory
 End of module record
 End-of-block indicator
 sequential files
 End-of-file
 indicating
 sequential files
 End-of-tape
 logical
 paper tape
 End-of-volume status
 magnetic tape
 .ENDC directive
 Ending
 a keypad session
 a line editing session
 a nokeypad session
 an editing session
 .ENDM directive
 .ENDR directive
 .ENTER
 ENTER function
 correct mistake
 example with COMMAND
 ENTER key
 \$ENTER macro
 RSTS/E
 ENTER operation

 BDB requirement
 \$ENTER macro
 file versions
 I/O buffer requirement
 IFAB requirement
 remote access
 wildcard loop

 Utilities 3-19
 Batch and Queue 2-10
 Batch and Queue 2-16
 PDP-11 MACRO-11 6-19 to 6-21
 PDP-11 MACRO-11 6-19 to 6-21
 Executive 5-65
 Executive 5-66
 MCR Operations 4-32
 MCR Operations 4-34
 MCR Operations 4-34
 MCR Operations 4-32

 MCR Operations 3-37
 PDP-11 MACRO-11 8-8
 Error Logging 5-40
 Executive 5-65
 Error Logging 5-19
 Executive 5-66

 EDT Editor 6-8

 Program Development 2-14
 Utilities 2-31
 PDP-11 MACRO-11 6-39
 Program Development 2-7, 3-4, 4-3,
 4-8
 MCR Operations 4-35
 Task Builder 3-23
 MCR Operations 4-35
 Task Builder A-11
 Task Builder A-24

 RMS-11 User's Guide 3-2

 MCR Operations 2-18
 RMS-11 User's Guide 3-2

 I/O Drivers 9-8
 I/O Drivers 17-5

 I/O Drivers 8-15 to 8-16
 PDP-11 MACRO-11 6-51

 EDT Editor 2-19, 5-9
 EDT Editor 2-36, 7-8, 7-14
 EDT Editor 2-44, 5-21, 8-10, 8-15
 EDT Editor 5-9
 PDP-11 MACRO-11 7-2
 PDP-11 MACRO-11 7-19
 I/O Operations 4-15
 EDT Editor 5-46
 EDT Editor 5-47
 EDT Editor 5-47
 Command Language 3-12, 3-17
 RMS-11 Macros 5-35
 RMS-11 Macros D-4
 RMS-11 Introduction 4-1
 RMS-11 User's Guide 1-17
 RMS-11 Macros 3-5
 RMS-11 Macros 2-8
 RMS-11 Macros 5-35
 RMS-11 User's Guide A-3
 RMS-11 Macros 2-7
 RMS-11 Macros 2-5
 RMS-11 User's Guide B-1
 RMS-11 Macros 3-10

MASTER INDEX

Entity	
BL	EDT Editor 8-2
BPAGE	EDT Editor 8-3
BPAR	EDT Editor 8-3
BR	EDT Editor 8-3
BSEN	EDT Editor 8-3
BW	EDT Editor 8-2
C	EDT Editor 8-2
EL	EDT Editor 8-2
[EOB] symbol	EDT Editor 2-4
EPAGE	EDT Editor 8-3
EPAR	EDT Editor 8-3
ER	EDT Editor 8-3
ESEN	EDT Editor 8-3
EW	EDT Editor 8-2
keypad editing	EDT Editor 5-16
L	EDT Editor 8-2
NL	EDT Editor 8-3
nokeypad editing	EDT Editor 8-2
PAGE	EDT Editor 8-3
PAR	EDT Editor 8-3
SEN	EDT Editor 8-3
SR	EDT Editor 8-4
"string"	EDT Editor 8-4
V	EDT Editor 8-3
W	EDT Editor 8-2
Entry point	Program Development 6-5 to 6-6
table	Program Development 6-5, 6-9 to 6-10
zero entry points	Program Development 6-7
Entry point definition, program	PDP-11 MACRO-11 6-39
Entry point symbol	PDP-11 MACRO-11 6-49
Entry procedure	Error Logging 4-10
/ENTRY qualifier	
DELETE command	Batch and Queue 2-10
SHOW QUEUE command	Batch and Queue 2-16
/EO switch	
RMSCNV utility	RMS-11 Utilities 4-8
[EOB] symbol	EDT Editor 2-4
EOD command	
format	Batch and Queue 3-7
/EOF switch	
PIP utility	Utilities 3-21
<EOF> symbol	MCR Operations 4-8
EOJ command	
format	Batch and Queue 3-5
\$EOL	
predefined syntax element in	
MML	System Management 12-43
EOL function	EDT Editor 5-18
/EP switch	
LBR utility	Utilities 10-16
EPKDF\$	Crash Dump Analyzer C-14
EPKDF.MAC	Writing I/O Driver A-14 to A-20
EQ condition test argument	Error Logging 4-16
Equal sign (+) operator	PDP-11 MACRO-11 6-51
Equal sign (=)	ODT 7-2
DCL	Command Language 3-16
Equal sign (=) command	Command Language 1-9
Equal sign (=) operator	ODT 2-8, 7-2
Equal sign command	ODT 2-8
ZAP utility	Utilities 15-17
/ER switch	
RMSIFL utility	RMS-11 Utilities 3-5 to 3-6
ER\$-family symbol	
declaring	RMS-11 Macros C-3

MASTER INDEX

ER\$-family symbol (Cont.)	
value	
ER\$ACT	
asynchronous operations	RMS-11 Macros A-1 to A-18
ER\$CUR	
DELETE operation	RMS-11 User's Guide 3-14, 4-14, 7-8
TRUNCATE operation	
UPDATE operation	RMS-11 User's Guide 4-7
	RMS-11 User's Guide 3-12
	RMS-11 User's Guide 3-12, 4-12, 7-6
ER\$DEL	
FIND operation	RMS-11 User's Guide 4-8, 7-3
GET operation	RMS-11 User's Guide 4-11, 7-5
ER\$EOF	
FIND operation	RMS-11 User's Guide 3-8, 4-8, 7-3
GET operation	RMS-11 User's Guide 3-10, 4-10, 7-5
	RMS-11 User's Guide 3-11
PUT operation	
ER\$IOP	
UPDATE operation	RMS-11 User's Guide 3-12
ER\$KEY	
FIND operation	RMS-11 User's Guide 3-8
GET operation	RMS-11 User's Guide 3-10
ER\$LIB	
and resident libraries	RMS-11 User's Guide 8-8
ER\$MRN	
FIND operation	RMS-11 User's Guide 4-8
GET operation	RMS-11 User's Guide 4-10
ER\$NEF	
PUT operation	RMS-11 User's Guide 3-10
ER\$RAC	
PUT operation	RMS-11 User's Guide 3-10
ER\$REX	
PUT operation	RMS-11 User's Guide 4-11
ER\$RFA	
FIND operation	RMS-11 User's Guide 3-8, 7-3
GET operation	RMS-11 User's Guide 3-10, 7-5
ER\$RFM	
UPDATE operation	RMS-11 User's Guide 3-12
ER\$RLK	
and shared access	RMS-11 User's Guide 2-10
ER\$RNF	
FIND operation	RMS-11 User's Guide 4-8, 7-3
GET operation	RMS-11 User's Guide 4-10 to 4-11, 7-5
ER\$RSZ	
UPDATE operation	RMS-11 User's Guide 3-12
ERASE command	
EDI editor	Utilities 2-32
.ERASE directive	MCR Operations 4-35
example	MCR Operations 4-36
format	MCR Operations 4-35
\$ERASE macro	RMS-11 Macros 5-40
example	RMS-11 Macros 7-11
ERASE operation	RMS-11 Introduction 4-2
	RMS-11 User's Guide 1-18
	RMS-11 Macros 3-7
	RMS-11 Macros 2-8
	RMS-11 Macros 5-40
	RMS-11 Macros 2-7
	RMS-11 Macros 2-5
	RMS-11 User's Guide B-2
	RMS-11 User's Guide A-4
	RMS-11 Macros 3-9 to 3-10
	RMS-11 Macros 3-10
	RMS-11 Macros 3-11
	Error Logging 4-8
BDB requirement	
\$ERASE macro	
I/O buffer requirement	
IFAB requirement	
remote access	
wildcard loop	
nonselective	
selective	
ERK05	

MASTER INDEX

ERK67	Error Logging 4-8
/ERL switch	
FMT utility	Utilities 5-8
ERL12	Error Logging 4-8
ERLCFL Report Messages	Error Logging 5-44
ERLCNF Report Messages	Error Logging 3-29
fatal	Error Logging 3-29
information	Error Logging 3-34
ERLRPT Report Messages	Error Logging 3-35
control file	Error Logging 3-35
ERM05	Error Logging 4-8
ERM23	Error Logging 4-8
ERM23 device-level module	Error Logging 4-37 to 4-49
ERM80	Error Logging 4-8
ERP07	Error Logging 4-8
ERP23	Error Logging 4-8
ERP456	Error Logging 4-8
ERR macro	
MML	System Management 12-30
<ERRCTL> symbol	MCR Operations 4-10
ERRDEFINE.CFS	Error Logging 3-27
ERRLOG	Error Logging 1-1
Backup file	Error Logging 2-9
backup file	Error Logging 1-4
defaults	Error Logging 2-2
ELI commands	Error Logging 1-3 to 1-4
installing	
privileged	Error Logging 2-1
log file	Error Logging 1-4
mandatory installation	Error Logging 2-1
stopping	
using SHUTUP	System Management 8-6
ERRLOG messages	Error Logging 2-12
ERRLOG.ULB	Error Logging 3-2
module addition	Error Logging 4-36
tuning	Error Logging A-1
ERRLOGETC.ULG	Error Logging 4-36
<ERRNUM> symbol	MCR Operations 4-10
Error	Introduction 1-1, 1-8, 1-12, 2-9
assembly-time	RMS-11 Macros 2-20
DCL	Command Language 1-13
detection	ODT A-1
exit TKB commands on	Task Builder 11-4
fatal	RMS-11 Macros 2-15
handler	RMS-11 Macros 2-17
handling	
\$ALERR entry	Task Builder 4-12
for autoload	Task Builder 4-11 to 4-12
for manual load	Task Builder 4-12
overlay	Task Builder 4-12
hard	System Management 15-29
recovering	System Management 15-30
Indirect	
processing	MCR Operations 4-43
input	ODT A-1
intermittent	
recovering	System Management 15-30
log file	
inserting text	MCR Operations 3-220
message	Task Builder H-1
See also Message	
nonrecoverable	System Management 15-29
recoverable	System Management 15-29
soft	System Management 15-29
SYSGEN	System Generation 3-3
system initialization	System Generation 4-13
task image	ODT A-2

MASTER INDEX

Error (Cont.)
 transient
 recovering
 uncorrectable
 recovering
 Error code
 ER\$ACT
 ER\$CUR
 ER\$DEL
 ER\$EOF
 ER\$IOP
 ER\$KEY
 ER\$LIB
 ER\$MRN
 ER\$NEF
 ER\$RAC
 ER\$REX
 ER\$RFA
 ER\$RFM
 ER\$RLK
 ER\$RNF
 ER\$RSZ
 RMSIFL utility
 sort routine
 Error code, assembler
 summary
 .ERROR directive
 Error handling
 .PRINT
 PRINT\$
 Error limit
 altering
 IOX
 device mount
 logging and
 notification
 reset
 reset counts
 system reboot
 Error Log
 Interface
 See also ELI
 Error log
 command packet
 control file
 definition
 devices
 file
 definition
 format
 naming
 RPT
 packet
 command
 creation
 definition
 ERRSEQ
 format
 packet number
 definition
 processing
 System Management 15-30
 System Management 15-32
 RMS-11 User's Guide 3-7, 4-7, 7-2
 RMS-11 User's Guide 3-14, 4-14,
 7-8
 RMS-11 User's Guide 3-12, 4-7,
 4-12, 7-6
 RMS-11 User's Guide 4-8, 4-11,
 7-3, 7-5
 RMS-11 User's Guide 3-8, 3-10 to
 3-11, 4-8, 4-10, 7-3, 7-5
 RMS-11 User's Guide 3-12
 RMS-11 User's Guide 3-8, 3-10
 RMS-11 User's Guide 8-8
 RMS-11 User's Guide 4-8, 4-10
 RMS-11 User's Guide 3-10
 RMS-11 User's Guide 3-10
 RMS-11 User's Guide 4-11
 RMS-11 User's Guide 3-8, 3-10,
 7-3, 7-5
 RMS-11 User's Guide 3-12
 RMS-11 User's Guide 2-10
 RMS-11 User's Guide 4-8, 4-10 to
 4-11, 7-3, 7-5
 RMS-11 User's Guide 3-12
 RMS-11 Utilities D-1
 PDP-11 MACRO-11 D-1 to D-5
 PDP-11 MACRO-11 7-15
 I/O Operations 8-2
 I/O Operations 8-2
 Error Logging 1-4
 System Management 4-35
 Error Logging 2-6
 Error Logging 2-6
 Error Logging 1-4
 Error Logging 1-4, 2-7
 Error Logging 2-6
 Error Logging 2-6
 Error Logging 1-4
 Error Logging 1-3
 Error Logging 4-1
 Error Logging 2-4
 Error Logging 1-1
 Error Logging 4-2
 Error Logging 5-1
 Error Logging 2-8
 Error Logging 1-3
 Error Logging 1-1
 Error Logging 1-3
 Error Logging 4-23
 Error Logging 4-2
 Error Logging 1-3
 Error Logging 1-4, 5-1, C-1
 Error Logging 1-3
 Error Logging 5-1

MASTER INDEX

Error log	
packet (Cont.)	
queue	Error Logging 4-24
remove from queue	Error Logging 4-25
SMMSG\$	Error Logging 1-4
structure	Error Logging 4-3
unsolicited interrupt	Error Logging 4-23
packet number	Error Logging 3-1
report	
context information	Error Logging 1-5
subpacket	
definition	Error Logging 4-2
system	
task interaction	Error Logging 1-2
Error log c	
ontrol file	
architecture	Error Logging 4-1
Error log packet dump	Crash Dump Analyzer 1-6, 3-2, 3-19
Error Logger	
See also ERRLOG	
relationship to RCT	System Management 5-5
Error logging	Executive 5-162
device errors	Error Logging 1-6
executive directive support	Executive 5-162
executive support	Error Logging 1-6
device errors	Error Logging 1-6
device timeouts	Error Logging 1-6
memory errors	Error Logging 1-6
unexpected traps or interrupts	Error Logging 1-6
interrupt timeouts	Error Logging 1-6
memory errors	Error Logging 1-6
restriction	Release Notes 1-40
support on Non-DIGITAL device	Error Logging 4-19
device level module	Error Logging 4-19
driver	Error Logging 4-19
universal library entry	Error Logging 4-19
unexpected traps or interrupts	Error Logging 1-6
unknown device	
See EUNKWN	
unused vectors	Error Logging 1-6
Error logging devices	
control file module	Error Logging 2-4 to 2-5
Error logging system	
CDA	Error Logging 1-1
Control File Language compiler	Error Logging 1-1
device I/O activity	Error Logging 1-1
Error Log Interface	Error Logging 1-1
Error Logger	Error Logging 1-1
Executive routines	Error Logging 1-1
hard error	Error Logging 1-3
mass storage device errors	Error Logging 1-1
memory errors	Error Logging 1-1
operating system failure	Error Logging 1-1
report generator	Error Logging 1-1
soft error	Error Logging 1-3
Error message	Introduction 1-1, 2-9, Gloss-12
See also Message	Command Language A-1
BAD utility	Utilities 6-10
BRU utility	Utilities 7-34
CMP utility	Utilities 12-6

MASTER INDEX

Error message (Cont.)

CON
 Console Logger
 CRF utility
 despooler
 DMP utility
 DSC utility
 EDI editor
 FLX utility
 FMT utility
 FORTRAN IV
 HRC
 IOX
 LBR utility
 list of
 MAC task
 MACRO-11
 ODT
 PAT utility
 PIP utility
 purpose of
 RMD
 SLP utility
 TKB
 TKTN
 UETP
 VFY utility
 VMR
 ZAP utility
 ERROR module
 Error notice
 macro definition
 Error report
 data compare
 IOX
 directing to device
 IOX
 disabling
 IOX
 enabling
 IOX
 I/O error
 IOX
 types
 IOX
 UETP
 Error sequence number
 See ERRSEQ
 Error type definition
 ERRORLIMIT command
 IOX
 ERRORM
 /ERRORS qualifier
 BRU utility
 ERRSEQ
 Append switch
 change
 RMD use
 <ERRSEV> symbol
 ERS11
 ERS34
 <ERSEEN> symbol
 ERX01
 ERX02
 ESA field in NAM block
 CREATE operation
 ENTER operation

System Management 15-36
 System Management 3-11 to 3-13
 Utilities B-5
 System Management A-2
 Utilities 11-12
 Utilities 8-28
 Utilities 2-56
 Utilities 4-17
 Utilities 5-10
 Program Development 7-4
 System Management 15-38
 System Management 4-66
 Utilities 10-33
 EDT Editor A-1
 PDP-11 MACRO-11 8-19 to 8-21
 Program Development 3-5
 Program Development 5-3
 Utilities 14-7
 Utilities 3-43
 EDT Editor 3-7
 System Management 6-13D
 Utilities 13-20
 Program Development 4-2
 Program Development 4-8
 System Management 9-5
 Utilities 9-11
 System Management 10-76
 Utilities 15-23
 Error Logging 4-19

 PDP-11 MACRO-11 7-15 to 7-16

 System Management 4-21
 System Management 4-41
 System Management 4-52
 System Management 4-52
 System Management 4-21
 System Management 4-52
 System Management 9-4

 Error Logging 1-5
 System Management 4-35
 Error Logging 4-7

 Utilities 7-16

 Error Logging 1-3
 Error Logging 1-3
 Error Logging 1-3
 MCR Operations 4-10
 Error Logging 4-9
 Error Logging 4-9
 MCR Operations 4-8
 Error Logging 4-9
 Error Logging 4-9
 RMS-11 Macros 3-3, 3-9
 RMS-11 Macros 5-10
 RMS-11 Macros 5-36

MASTER INDEX

ESA field in NAM block (Cont.)

- ERASE operation
- offset
- OPEN operation
- PARSE operation
- REMOVE operation
- RENAME operation
- SEARCH operation
- summary
- \$ESB
 - predefined syntax element in MML
- ESC command
 - RMSDES utility
- ESC key

- Escape code
 - conversion
- ESCAPE command
 - EDI editor
- ESCAPE key
 - EDI editor
 - requesting list of options
- ACNT
- Escape recognition mode
- Escape sequence
 - from terminal
 - option
 - receiving
 - syntax exception
 - syntax violation
- VT100
- Escape-sequence recognition
 - option
- <ESCAPE> symbol
- /ESCSEQ keyword
 - SET command
 - VMR

ESL field in NAM block

- CREATE operation
- ENTER operation
- ERASE operation
- offset
- OPEN operation
- PARSE operation
- REMOVE operation
- RENAME operation
- SEARCH operation
- summary

ESS field in NAM block

- CREATE operation
- ENTER operation
- ERASE operation
- offset
- OPEN operation
- PARSE operation
- REMOVE operation
- RENAME operation
- summary

/EST keyword

- RUN command

ESTATUS command

- CON
- example

ET0310

- RMS-11 Macros 5-42
- RMS-11 Macros 6-94
- RMS-11 Macros 5-74
- RMS-11 Macros 5-87
- RMS-11 Macros 5-104
- RMS-11 Macros 5-110
- RMS-11 Macros 5-116
- RMS-11 Macros 6-97

System Management 12-43

- RMS-11 Utilities 2-9, 2-21
- Command Language 3-12
- MCR Operations 2-15

I/O Drivers 2-40A, 3-30

- Utilities 2-14, 2-32
- Command Language 3-12
- Program Development 2-13

System Management 2-3

- MCR Operations 4-33
- I/O Drivers 2-29, 3-22
- Command Language 3-17
- MCR Operations 3-181
- I/O Drivers 2-32
- I/O Drivers 2-33
- I/O Drivers 2-32
- I/O Drivers 2-31

System Management 10-49

- MCR Operations 4-9

MCR Operations 3-181

System Management 10-49

- RMS-11 Macros 5-21
- RMS-11 Macros 5-37
- RMS-11 Macros 5-42
- RMS-11 Macros 6-94
- RMS-11 Macros 5-77
- RMS-11 Macros 5-88
- RMS-11 Macros 5-105
- RMS-11 Macros 5-111
- RMS-11 Macros 5-116
- RMS-11 Macros 6-98

- RMS-11 Macros 5-10
- RMS-11 Macros 5-36
- RMS-11 Macros 5-42
- RMS-11 Macros 6-94
- RMS-11 Macros 5-74
- RMS-11 Macros 5-87
- RMS-11 Macros 5-104
- RMS-11 Macros 5-110
- RMS-11 Macros 6-99

MCR Operations 3-155

- System Management 15-12
- System Management 15-13
- Error Logging 4-9

MASTER INDEX

ET1645	Error Logging 4-9
ETAll	Error Logging 4-9
ETC11	Error Logging 4-9
ETS11	Error Logging 4-9
ETSV05	Error Logging 4-9
ETU58	Error Logging 4-9
ETU77	Error Logging 4-9
EUNKWN	Error Logging 4-8, 4-19, 4-37
Evaluating expression	
See Expression	
.EVEN assembler directive	
control block alignment	
pool alignment	
.EVEN directive	
Front	
	RMS-11 Macros 2-8
	RMS-11 Macros 2-4
	PDP-11 MACRO-11 6-37

MASTER INDEX

Executive	
handling (Cont.)	
routines	
instruction space	
address	
accessing	
interrupt exit routine	
interrupt save routine	
library	
macro	
macro library	
EXEMC.MLB	
maintaining controller and	
hardware specific	
information	
mapping of	
modifying data in UCB	
module	
CORAL.MAC	
DVINT	
new features	
options for driver	
performing processor specific	
functions	
pool monitor	
code	
interface	
predriver initiation	
queuing to the driver	
request queue for controller	
service routine	
stack and register dump	
swapping	
length	
specifying	
priority range	
specifying	
symbol	
\$CTLST	
User-tailored	
virgin	
booting	
Executive code	
change to	
change to task abort code	
Executive Crash Dump Routine	
Executive data space	
SYSGEN question	
Executive data structure	
change to	
Writing I/O Driver 1-5 to 1-6	
MCR Operations 3-140	
Writing I/O Driver 1-6	
Writing I/O Driver 1-6 to 1-7	
Program Development 1-11	
Program Development 1-9 to 1-10	
Writing I/O Driver 5-3	
Writing I/O Driver 2-1	
Writing I/O Driver 1-3	
Writing I/O Driver 2-3	
System Management 13-2 to 13-3	
Writing I/O Driver 1-12	
Release Notes 1-3	
Writing I/O Driver 5-9 to 5-11	
Writing I/O Driver 1-16	
System Management 13-1, 13-12	
System Management 13-2 to 13-3	
Writing I/O Driver 1-4	
Writing I/O Driver 1-4	
Writing I/O Driver 1-11	
Writing I/O Driver 1-2 to 1-3	
Writing I/O Driver 6-11	
MCR Operations 3-207	
System Management 10-61	
MCR Operations 3-208	
System Management 10-61	
Writing I/O Driver 2-15	
System Generation 1-10	
MCR Operations 3-24	
Release Notes 1-30	
Release Notes 1-33	
Crash Dump Analyzer 1-1	
System Generation 3-21	
Release Notes 1-33	

MASTER INDEX

Executive routine (Cont.)	
\$IODON	Writing I/O Driver 1-9
Executive routines	
error collection	
device registers	Error Logging 1-3
Executive Send Message directive	
See SMSG\$	
Executive services	
summaries of technically used	Writing I/O Driver 7-5 to 7-40
Executive Symbol Table	Crash Dump Analyzer 1-1
Executive-level dispatching	Executive 5-5
EXELIB.OLB file	Program Development 1-11
	Command Language 6-40
	Writing I/O Driver A-1
	Command Language 6-41
	Program Development 1-9 to 1-10
	Writing I/O Driver A-1
EXEMAC.MLB file	
EXEMC.MLB file	
Exercise	
NFS volume	
with VERIFY	
IOX	System Management 4-14
with VERIFY	
IOX	System Management 4-14
EXIF\$	Executive 5-67
Existing file	
opening by file ID	I/O Operations 3-14
/EXIT	Crash Dump Analyzer 2-6
Exit	
ODT	ODT 1-4
task resources freed	Executive 1-3
EXIT & DELETE command	
EDI editor	Utilities 2-32
EXIT command	EDT Editor 2-31, 7-8
EDI editor	Program Development 2-10, 2-12,
	2-18, 7-5, 7-7
	Utilities 2-14, 2-27, 2-32
	Introduction 2-14 to 2-15, 3-9
	System Management 4-37
	EDT Editor 2-20, 5-9
	EDT Editor 2-28, 7-8
	EDT Editor 2-44, 8-10
	RMS-11 Utilities 2-3, 2-9, 2-18,
	2-27
	ODT 2-11
	MCR Operations 4-36
	MCR Operations 4-36
	MCR Operations 4-36
	Executive 5-67
	System Management 2-8
	MCR Operations 4-10, 4-51
	Batch and Queue Gloss-4
	Crash Dump Analyzer 2-7
	Executive 5-71
	Executive 5-69
	Program Development 2-7
	EDT Editor 6-4
	PDP-11 MACRO-11 8-11
EXIT/SEQUENCE	
VFC format	
Expanded string	
See ESA field in NAM block	
EXPANSIONS argument	

MASTER INDEX

Explicit prompt

Expression
 absolute
 complex relocatable
 evaluating
 evaluation of
 external
 format
 numeric
 evaluating
 signed arithmetic in
 Radix-50
 relocatable
 string

Expression indicator
 immediate

EXST\$
 <EXSTAT> symbol
 <EXSTRI> symbol

EXT command
 /EXT keyword
 HOME command
 INI command
 MOUNT command

Extend access
 \$EXTEND macro
 RSTS/E

EXTEND operation
 and shared access
 BDB requirement
 \$EXTEND macro
 I/O buffer requirement
 wildcard loop
 /EXTEND qualifier
 BRU utility

Extend size
 default
 volume default

Extend Task directive
 to improve performance

Extended attribute block
 See XAB

Extended User Control Block
 See UCB

EXTENSION
 RMSDES utility
 area section
 file section

Extension
 file
 See File type

Extension header

EXTENSIONS argument

External expression

External file (RMSDES)
 See Data file, Description file

External header
 task
 specifying

External symbol
 See Global symbol

EXTK\$

Introduction 1-5, Gloss-12,
 Gloss-25

ODT 2-3

PDP-11 MACRO-11 3-17

PDP-11 MACRO-11 3-18

ODT 2-3, 7-2

PDP-11 MACRO-11 3-16 to 3-18

PDP-11 MACRO-11 3-17

ODT 2-2

MCR Operations 4-14

MCR Operations 4-15

MCR Operations 4-33

ODT 7-4

PDP-11 MACRO-11 3-17

MCR Operations 4-16

PDP-11 MACRO-11 3-2

Executive 5-71

MCR Operations 4-10

MCR Operations 4-13

EDT Editor 8-10

MCR Operations 3-74

MCR Operations 3-81

MCR Operations 3-122

MCR Operations 2-3

RMS-11 Macros 5-46

RMS-11 Macros D-4

RMS-11 Introduction 4-2

RMS-11 User's Guide 1-18

RMS-11 Macros 3-8

RMS-11 User's Guide 2-6

RMS-11 Macros 2-8

RMS-11 Macros 5-46

RMS-11 Macros 2-7

RMS-11 Macros 3-10

Utilities 7-16

I/O Operations 2-8

I/O Operations 2-8

Executive 5-73

Task Builder F-2

RMS-11 Utilities 2-45

RMS-11 Utilities 2-32

I/O Operations F-6

PDP-11 MACRO-11 8-11

PDP-11 MACRO-11 3-17

Writing I/O Driver 6-8

MCR Operations 3-100

System Management 10-25

Executive 5-73

MASTER INDEX

.EXTND
 control bits for
 effect of on F.CNTG
 EXTSTCT option
 EXTSTCT Task-build command
 to extend FSR size
 \$EXTSK (Extend task)
 EXTTASK option

F

F command
 ^F operator
 F register
 /F switch
 F\$-family macro
 declaring
 example

F.ALLOC
 See Extend size

F.CNTG
 F.DFNB
 F.DSPT
 F.FACC
 F.MBCT
 F.RACC
 See FDB
 F.RATT
 FllACP

SYSGEN question
 FllDF\$

F4POTS.OLB (FORTRAN IV and
 FORTRAN IV-PLUS library)

/FA switch
 FLX utility
 FAB
 chaining to RAB
 declaring
 initializing
 summary
 FAB field in RAB
 chaining FAB to RAB
 CONNECT operation
 offset
 summary
 FAB\$B macro
 example

FAB\$BT macro
 FAB\$E macro
 declaring
 example

FABOF\$ macro
 FAC field in FAB
 CREATE operation
 offset
 OPEN operation
 summary
 Facilities-declaration macro
 declaring
 Factor
 autoloadable

I/O Operations 4-21
 I/O Operations 4-23 to 4-24
 I/O Operations 2-7
 Task Builder 11-14

I/O Operations 2-40
 System Library 8-13
 Task Builder 11-15

ODT 2-9, 6-4
 PDP-11 MACRO-11 3-5, 6-35 to 6-36
 ODT 2-6, 5-3
 Error Logging 3-5
 RMS-11 Macros 2-9
 RMS-11 Macros C-1
 RMS-11 Macros 7-3, 7-7, 7-11,
 7-15

I/O Operations 2-6 to 2-7
 I/O Operations 2-14
 I/O Operations 2-13
 I/O Operations 2-14
 I/O Operations 2-18

I/O Operations 2-6
 I/O Operations F-6
 RMS-11 Introduction 2-1
 RMS-11 User's Guide 8-13
 System Generation 3-26
 Crash Dump Analyzer C-21
 Writing I/O Driver A-21 to A-24

Program Development 1-11

Utilities 4-5
 RMS-11 Introduction 4-8
 RMS-11 Macros 2-13
 RMS-11 Macros 2-8
 RMS-11 Macros 2-9
 RMS-11 Macros 6-22
 RMS-11 Macros 4-2
 RMS-11 Macros 2-13
 RMS-11 Macros 5-6
 RMS-11 Macros 6-115
 RMS-11 Macros 6-120
 RMS-11 Macros 2-8, C-1
 RMS-11 Macros 7-3, 7-7, 7-11,
 7-15
 RMS-11 Macros C-1
 RMS-11 Macros 2-9
 RMS-11 Macros C-1
 RMS-11 Macros 7-3, 7-7, 7-11,
 7-15
 RMS-11 Macros C-1

RMS-11 Macros 5-14
 RMS-11 Macros 6-22
 RMS-11 Macros 5-75
 RMS-11 Macros 6-37
 RMS-11 Macros 2-2
 RMS-11 Macros C-2

MASTER INDEX

Factor
 autoloadable (Cont.)
 making first component of

Failure
 hardware
 recovering
 intermittent
 media
 memory
 power loss
 uncorrectable error
 memory box
 recovering
 processor
 recovering
 transient

Fairness count
 adjustment

FAL
 RSTS/E
 RSX-11M/M-PLUS
 VAX/VMS

<FALSE> symbol

Fast deletion
 See RB\$FDL mask in ROP field

Fast Task Builder
 See also FTB
 speed of
 supported
 features
 options
 switches
 unsupported features

Fatal error

Fault
 hardware
 system
 diagnosing
 recovering
 tracing

Fault codes

Fault isolation

/FB switch
 FLX utility

FB\$-family symbol
 declaring

FB\$BID code in BID field
 summary
 value

FB\$BLK mask in RAT field
 CREATE operation
 OPEN operation
 summary
 value

FB\$BLN code in BLN field
 summary
 value

FB\$CCL mask in DEV field
 CREATE operation
 ENTER operation
 ERASE operation
 OPEN operation
 PARSE operation
 REMOVE operation

Task Builder 4-3

System Management 15-30
System Management 15-29
System Management 15-28

System Management 15-32
System Management 15-32

System Management 15-31

System Management 15-31
System Management 15-28

System Management 16-3
RMS-11 User's Guide B-1
RMS-11 User's Guide B-1, B-3
RMS-11 User's Guide B-3
RMS-11 User's Guide B-3
MCR Operations 4-9

Command Language 6-70 to 6-71
Task Builder G-1

Task Builder G-2

Task Builder G-1 to G-2
Task Builder G-2
Task Builder G-1
Task Builder G-1 to G-2
RMS-11 Macros 2-15

System Management 15-28
System Management 15-28
System Management 15-30
System Management 15-30
Writing I/O Driver 6-8, 6-12 to 6-13
Writing I/O Driver 6-10
Writing I/O Driver 6-5, 6-7 to 6-8

Utilities 4-5

RMS-11 Macros C-1

RMS-11 Macros 6-26
RMS-11 Macros 6-22

RMS-11 Macros 5-11
RMS-11 Macros 5-78
RMS-11 Macros 6-60
RMS-11 Macros 6-23

RMS-11 Macros 6-28
RMS-11 Macros 6-22
RMS-11 Macros 3-1
RMS-11 Macros 5-20
RMS-11 Macros 5-37
RMS-11 Macros 5-42
RMS-11 Macros 5-77
RMS-11 Macros 5-88
RMS-11 Macros 5-104

MASTER INDEX

FB\$CCL mask in DEV field (Cont.)	
RENAME operation	RMS-11 Macros 5-111
SEARCH operation	RMS-11 Macros 5-117
value	RMS-11 Macros 6-24
FB\$CR mask in RAT field	
CREATE operation	RMS-11 Macros 5-12
OPEN operation	RMS-11 Macros 5-78
value	RMS-11 Macros 6-23
FB\$CTG mask in FOP field	
CREATE operation	RMS-11 Macros 5-18
EXTEND operation	RMS-11 Macros 5-46
OPEN operation	RMS-11 Macros 5-78
RSTS/E	RMS-11 Macros D-4
summary	RMS-11 Macros 6-40
value	RMS-11 Macros 6-23
FB\$DEL mask in FAC field	
CREATE operation	RMS-11 Macros 5-14
OPEN operation	RMS-11 Macros 5-75
value	RMS-11 Macros 6-22
FB\$DFW mask in FOP field	
CREATE operation	RMS-11 Macros 5-15
OPEN operation	RMS-11 Macros 5-76
summary	RMS-11 Macros 6-41
value	RMS-11 Macros 6-23
FB\$DLK mask in FOP field	
CREATE operation	RMS-11 Macros 5-15
OPEN operation	RMS-11 Macros 5-76
summary	RMS-11 Macros 6-42
value	RMS-11 Macros 6-23
FB\$FID mask in FOP field	
CREATE operation	RMS-11 Macros 3-7, 3-9 to 3-11
ENTER operation	RMS-11 Macros 5-10
ERASE operation	RMS-11 Macros 5-36
OPEN operation	RMS-11 Macros 5-41
REMOVE operation	RMS-11 Macros 5-73 to 5-74
RENAME operation	RMS-11 Macros 5-103
summary	RMS-11 Macros 5-109 to 5-110
value	RMS-11 Macros 6-43
	RMS-11 Macros 6-23
FB\$FIX code in RFM field	
CREATE operation	RMS-11 Macros 5-11
OPEN operation	RMS-11 Macros 5-78
value	RMS-11 Macros 6-23
FB\$FTN mask in RAT field	
CREATE operation	RMS-11 Macros 5-12
OPEN operation	RMS-11 Macros 5-78
value	RMS-11 Macros 6-23
FB\$GET mask in FAC field	
CREATE operation	RMS-11 Macros 5-14
OPEN operation	RMS-11 Macros 5-75
value	RMS-11 Macros 6-22
FB\$GET mask in SHR field	
CREATE operation	RMS-11 Macros 5-14
OPEN operation	RMS-11 Macros 5-75
value	RMS-11 Macros 6-22
FB\$IDX code in ORG field	
CREATE operation	RMS-11 Macros 5-11
OPEN operation	RMS-11 Macros 5-78
value	RMS-11 Macros 6-23
FB\$MDI mask in DEV field	
CREATE operation	RMS-11 Macros 3-1
ENTER operation	RMS-11 Macros 5-20
ERASE operation	RMS-11 Macros 5-37
OPEN operation	RMS-11 Macros 5-42
PARSE operation	RMS-11 Macros 5-77
REMOVE operation	RMS-11 Macros 5-88
RENAME operation	RMS-11 Macros 5-104
SEARCH operation	RMS-11 Macros 5-111
	RMS-11 Macros 5-117

MASTER INDEX

FB\$MDI mask in DEV field (Cont.)	
value	RMS-11 Macros 6-24
FB\$MKD mask in FOP field	
CREATE operation	RMS-11 Macros 5-11
summary	RMS-11 Macros 6-44
value	RMS-11 Macros 6-23
FB\$NEF mask in FOP field	
OPEN operation	RMS-11 Macros 5-76
RSTS/E	RMS-11 Macros D-4
summary	RMS-11 Macros 6-45
value	RMS-11 Macros 6-23
FB\$NIL mask in SHR field	
CREATE operation	RMS-11 Macros 5-14
OPEN operation	RMS-11 Macros 5-75
value	RMS-11 Macros 6-22
FB\$POS mask in FOP field	
CREATE operation	RMS-11 Macros 5-15
summary	RMS-11 Macros 6-46
value	RMS-11 Macros 6-23
FB\$PRN mask in RAT field	
CREATE operation	RMS-11 Macros 5-12
OPEN operation	RMS-11 Macros 5-78
value	RMS-11 Macros 6-23
FB\$PUT mask in FAC field	
CREATE operation	RMS-11 Macros 5-14
OPEN operation	RMS-11 Macros 5-75
value	RMS-11 Macros 6-22
FB\$REA mask in FAC field	
CREATE operation	RMS-11 Macros 5-14
OPEN operation	RMS-11 Macros 5-75
value	RMS-11 Macros 6-22
FB\$REC mask in DEV field	
CREATE operation	RMS-11 Macros 3-1 to 3-2
ENTER operation	RMS-11 Macros 5-20
ERASE operation	RMS-11 Macros 5-37
OPEN operation	RMS-11 Macros 5-42 to 5-43
PARSE operation	RMS-11 Macros 5-77
REMOVE operation	RMS-11 Macros 5-88
RENAME operation	RMS-11 Macros 5-104
SEARCH operation	RMS-11 Macros 5-111
value	RMS-11 Macros 5-117 to 5-118
FB\$REL code in ORG field	
CREATE operation	RMS-11 Macros 6-24
OPEN operation	RMS-11 Macros 5-11
value	RMS-11 Macros 5-78
FB\$RWC mask in FOP field	
CLOSE operation	RMS-11 Macros 6-23
CREATE operation	RMS-11 Macros 5-4
OPEN operation	RMS-11 Macros 5-15
SEARCH operation	RMS-11 Macros 5-77
summary	RMS-11 Macros 5-117
value	RMS-11 Macros 6-47
FB\$RWO mask in FOP field	
CREATE operation	RMS-11 Macros 6-23
OPEN operation	RMS-11 Macros 5-15
SEARCH operation	RMS-11 Macros 5-76
summary	RMS-11 Macros 5-117
value	RMS-11 Macros 6-48
FB\$SDI mask in DEV field	
CREATE operation	RMS-11 Macros 6-23
ENTER operation	RMS-11 Macros 3-2
ERASE operation	RMS-11 Macros 5-20
OPEN operation	RMS-11 Macros 5-37
PARSE operation	RMS-11 Macros 5-43
REMOVE operation	RMS-11 Macros 5-77
RENAME operation	RMS-11 Macros 5-88
SEARCH operation	RMS-11 Macros 5-104
	RMS-11 Macros 5-111
	RMS-11 Macros 5-118

MASTER INDEX

FB\$SDI mask in DEV field (Cont.) value	RMS-11 Macros 6-24
FB\$SEQ code in ORG field CREATE operation	RMS-11 Macros 5-11
OPEN operation	RMS-11 Macros 5-78
value	RMS-11 Macros 6-23
FB\$SQD mask in DEV field CREATE operation	RMS-11 Macros 3-2
ENTER operation	RMS-11 Macros 5-20
ERASE operation	RMS-11 Macros 5-37
OPEN operation	RMS-11 Macros 5-43
PARSE operation	RMS-11 Macros 5-77
REMOVE operation	RMS-11 Macros 5-88
RENAME operation	RMS-11 Macros 5-104
SEARCH operation	RMS-11 Macros 5-111
value	RMS-11 Macros 5-118
FB\$STM code in RFM field CREATE operation	RMS-11 Macros 6-24
OPEN operation	RMS-11 Macros 5-11
value	RMS-11 Macros 5-78
FB\$SUP mask in FOP field CREATE operation	RMS-11 Macros 6-23
summary	RMS-11 Macros 5-10
value	RMS-11 Macros 6-49
FB\$TMD mask in FOP field CREATE operation	RMS-11 Macros 6-23
value	RMS-11 Macros 5-11
FB\$TMP mask in FOP field CREATE operation	RMS-11 Macros 6-23
summary	RMS-11 Macros 5-11
value	RMS-11 Macros 6-50
FB\$TRM mask in DEV field CREATE operation	RMS-11 Macros 6-23
ENTER operation	RMS-11 Macros 3-1
ERASE operation	RMS-11 Macros 5-20
OPEN operation	RMS-11 Macros 5-37
PARSE operation	RMS-11 Macros 5-42
REMOVE operation	RMS-11 Macros 5-77
RENAME operation	RMS-11 Macros 5-88
SEARCH operation	RMS-11 Macros 5-104
value	RMS-11 Macros 5-111
FB\$TRN mask in FAC field CREATE operation	RMS-11 Macros 5-117
OPEN operation	RMS-11 Macros 6-24
value	RMS-11 Macros 5-14
FB\$UDF code in RFM field CREATE operation	RMS-11 Macros 5-75
OPEN operation	RMS-11 Macros 6-22
value	RMS-11 Macros 5-11
FB\$UPD mask in FAC field CREATE operation	RMS-11 Macros 5-78
OPEN operation	RMS-11 Macros 6-23
value	RMS-11 Macros 5-14
FB\$UPI mask in SHR field CREATE operation	RMS-11 Macros 5-75
OPEN operation	RMS-11 Macros 6-22
value	RMS-11 Macros 5-14
FB\$UPI mask in SHR field of FAB RSX-11	RMS-11 Macros 6-22
FB\$VAR code in RFM field CREATE operation	RMS-11 Macros D-4
OPEN operation	RMS-11 Macros 5-11
value	RMS-11 Macros 5-78
FB\$VFC code in RFM field CREATE operation	RMS-11 Macros 6-23
OPEN operation	RMS-11 Macros 5-11
value	RMS-11 Macros 5-78
	RMS-11 Macros 6-23

MASTER INDEX

FB\$WRI mask in SHR field	
CREATE operation	RMS-11 Macros 5-14
OPEN operation	RMS-11 Macros 5-75
value	RMS-11 Macros 6-22
FB\$WRT mask in FAC field	
CREATE operation	RMS-11 Macros 5-14
OPEN operation	RMS-11 Macros 5-75
value	RMS-11 Macros 6-22
\$FBCAL macro	RMS-11 Macros C-2
/FC switch	
FLX utility	Utilities 4-7
FCB	RMS-11 User's Guide 8-12
	Writing I/O Driver 2-14
FCP	
new features	Release Notes 1-7
FCPLRG	
See F11ACP	
FCPMDL	
See F11ACP	
FCS	
characteristics of	I/O Operations 4-1
conditional assembly parameters	Introduction 5-12, Gloss-12
definition	I/O Operations 1-12
library	I/O Operations K-1 to K-2
FCSFSL	System Generation 1-8
FCSRES	
library descriptions	System Generation 3-72
library on pregenerated kit	System Generation 3-72
library options	I/O Operations K-1
FCS impure area	System Generation 5-29
allocating	I/O Operations K-1
FCS macro	
declaring	I/O Operations 2-37
FCS routine	I/O Operations 2-3
error return	
list of	I/O Operations 4-2
FCS-11	I/O Operations 4-2
sequential file compatibility	
FCSFSL	RMS-11 User's Guide 3-2
definition	
on pregenerated kit	System Generation 1-9
tasks supplied	System Generation 5-29
FCSMC\$	System Generation 4-6
FCSRES	I/O Operations 2-3
definition	
on pregenerated kit	System Generation 1-9
SYSGEN question	System Generation 5-29
tasks supplied	System Generation 3-23
.FCTR directive	System Generation 4-6
argument	Task Builder 3-25
library modules	Task Builder 3-26
library to resolve references	Task Builder 3-26
named input file	Task Builder 3-25
PSECT name	Task Builder 3-26
segment name	Task Builder 3-26
arguments for	Task Builder 3-26
use of label in	Task Builder 3-25
.FCTR statement	Task Builder 3-25
allocation diagram	
creating from	Task Builder 3-38 to 3-39
.FCTYP values	I/O Operations K-2
FD.BLK	
See Record attribute	
FD.CR	
See Record attribute	

MASTER INDEX

FD.FTN	
See Record attribute	
FD.PRN	
See Record attribute	
FDB	
block access section	I/O Operations 1-10, A-1
block buffer section	I/O Operations 2-10
definition of	I/O Operations A-2
file attribute section	I/O Operations 1-10
file open section	I/O Operations A-2
format	I/O Operations A-2
GET\$	I/O Operations A-1 to A-2
offset definitions	I/O Operations 3-20
offset definitions	I/O Operations A-3 to A-8
offsets	I/O Operations A-5
PUT\$	I/O Operations A-1
READ\$	I/O Operations 3-26
record access section	I/O Operations 3-34
record or block access section	I/O Operations 2-8
WRITE\$	I/O Operations A-2
FDB information	I/O Operations 3-35
macro calls	I/O Operations 2-2
I/O Operations 2-2	
FDB macro	
initializing	I/O Operations 2-3
FDBDF\$	I/O Operations 2-5
FDBF\$A	
using with big buffer	I/O Operations 1-8
FDBF\$A macro call	
format	I/O Operations 2-17
FDBF\$R	
using with big buffer	I/O Operations 1-8
FDBK\$A	I/O Operations 2-10
format	I/O Operations 2-11
parameters	I/O Operations 2-11
FDBK\$R	
compatibility with FDBK\$A	I/O Operations 2-11
FDRCS\$A	
format	I/O Operations 2-8
/FDX keyword	
SET command	MCR Operations 3-182
VMR	System Management 10-49
Feature	
summary of new	Release Notes 1-1
\$FETCH macro	RMS-11 Macros 2-15
example	RMS-11 Macros 7-3, 7-7, 7-11, 7-15
FF command	
EDI editor	Utilities 2-34
/FF switch	
CMP utility	Utilities 12-3
/FI file switch	
QUE /MOD command	Batch and Queue 2-21
/FI switch	
DMP utility	Utilities 11-5
PIP utility	Utilities 3-22
QUE /DEL command	Batch and Queue 2-11
FID field in NAM block	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-36
ERASE operation	RMS-11 Macros 5-41 to 5-42
offset	RMS-11 Macros 6-94
OPEN operation	RMS-11 Macros 5-73, 5-77
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
SEARCH operation	RMS-11 Macros 5-118
summary	RMS-11 Macros 6-100

MASTER INDEX

Field	RMS-11 Macros 1-2
clearing bits in	RMS-11 Macros 2-11
comparing value	RMS-11 Macros 2-16
copying value from	RMS-11 Macros 2-15
copying value into	RMS-11 Macros 2-10
examining	RMS-11 Macros 2-15
file specification	Introduction 1-14
initializing	RMS-11 Macros 2-8
mnemonic	RMS-11 Macros 1-2
setting bits in	RMS-11 Macros 2-11
setting up	RMS-11 Macros 2-10
testing bits in	RMS-11 Macros 2-17
Field size symbol	I/O Operations J-1
Field terminator	PDP-11 MACRO-11 3-2
Field-access macro	
\$COMPARE	RMS-11 Macros 2-16
declaring	RMS-11 Macros C-2
\$FETCH	RMS-11 Macros 2-15
\$OFF	RMS-11 Macros 2-11
\$SET	RMS-11 Macros 2-11
\$STORE	RMS-11 Macros 2-10
\$TESTBITS	RMS-11 Macros 2-17
Field-initialization macro	RMS-11 Macros 2-9
declaring	
ALL block	RMS-11 Macros C-3
DAT block	RMS-11 Macros C-3
FAB	RMS-11 Macros C-1
KEY block	RMS-11 Macros C-3
NAM block	RMS-11 Macros C-2
PRO block	RMS-11 Macros C-3
RAB	RMS-11 Macros C-2
SUM block	RMS-11 Macros C-3
Field-offset symbol	
declaring	
ALL block	RMS-11 Macros C-3 to C-4
DAT block	RMS-11 Macros C-3 to C-4
FAB	RMS-11 Macros C-1
KEY block	RMS-11 Macros C-3 to C-4
NAM block	RMS-11 Macros C-2
PRO block	RMS-11 Macros C-3 to C-4
RAB	RMS-11 Macros C-2
SUM block	RMS-11 Macros C-3 to C-4
XAB	RMS-11 Macros C-4
value	
ALL block	RMS-11 Macros 6-2
DAT block	RMS-11 Macros 6-14
FAB	RMS-11 Macros 6-22
KEY block	RMS-11 Macros 6-67
NAM block	RMS-11 Macros 6-94
PRO block	RMS-11 Macros 6-108
RAB	RMS-11 Macros 6-115
SUM block	RMS-11 Macros 6-145
\$FIL	
predefined syntax element in	
MML	System Management 12-41
/FIL keyword	
HELP command	MCR Operations 3-67
<FILATR> symbol	MCR Operations 4-13
\$FILE	
predefined syntax element in	
MML	System Management 12-41
File	Introduction 1-14, 2-1, 2-16, 3-1, 3-12, Gloss-13 Command Language 4-1 MCR Operations 2-1 RMS-11 Introduction 1-1 RMS-11 User's Guide 1-2

MASTER INDEX

File (Cont.)

- See also Account file
- See also Indexed file organization
- See also Relative file organization
- See also Sequential file organization
- access code
 - assigning
 - type
 - user group
- access requested
 - See FAC field in FAB
- access shared
 - See SHR field in FAB
- accessing
- account
 - setting up
- alignment
 - See ALN field in ALL block
- allocation
 - See ALQ field in ALL block
 - See also ALQ field in FAB
- appending
 - PIP utility
- area
 - See ALL block
- assembler work
- attributes
- backing up
- bucket size
 - See BKS field in FAB
 - See also BKZ field in ALL block
- chaining to
- checkpoint
 - allocating
 - number of blocks
 - discontinuing
 - example
 - freeing
- closing
 - See also CLOSE operation
- cluster size
 - See RTV field in FAB
- command
 - level of indirection
- comparing
 - CMP utility
- contiguity
 - See FB\$CTG mask in FOP field
 - See also XB\$CTG mask in AOP field
- contiguous
- control directive
- converting
- copying
 - BRU utility
 - DOS-11
 - DSC utility

- MCR Operations 2-3
- MCR Operations 2-3
- MCR Operations 2-3

- MCR Operations 2-2

- MCR Operations 2-24

- Utilities 3-14

- PDP-11 MACRO-11 F-1
- RMS-11 Introduction 5-1
- RMS-11 User's Guide 1-2
- RMS-11 Introduction 5-3
- RMS-11 User's Guide 1-10, 1-12

- MCR Operations 4-28
- Command Language 5-11, 5-65, 5-74, 6-68
- MCR Operations 3-8
- MCR Operations 3-8
- MCR Operations 3-8
- MCR Operations 3-8
- MCR Operations 3-9
- I/O Operations 3-17

- Task Builder 1-7

- Utilities 12-1

- Introduction 4-8
- PDP-11 MACRO-11 6-57 to 6-58
- RMS-11 User's Guide 1-10, 1-12
- Introduction 3-7
- Utilities 7-1
- Utilities 4-3
- Utilities 8-1

MASTER INDEX

File

copying (Cont.)

Files-11

FLX utility

PIP utility

RT-11

copying text into

creating

See also CREATE operation

EDI editor

source

creation date

See CDT field in DAT block
date

See DAT block

declaring number of active

default extension size

See DEQ field in ALL block

See also DEQ field in FAB

deleting

See also ERASE operation

PIP utility

deleting by filename block

deleting wildcard

design

determining existence of

directory listing

displaying

block number

PIP utility

dumping

DMP utility

editing

EDI editor

source

error log

inserting text

exiting from

extending

default size

specifying

extending allocation

See EXTEND operation

FORTTRAN direct access

See FLX utility

header

help

calling other files

contents

displaying

default

example

format

level number

qualifier

synonymous

identifier

See FID field in NAM block

Utilities 3-8

Utilities 4-3

Utilities 3-8

Utilities 4-3

EDT Editor 7-3, 7-22

I/O Operations 3-4, 3-7

Introduction 2-1, 2-16

RMS-11 Introduction 5-1 to 5-2

RMS-11 User's Guide 1-10, 1-12

Utilities 2-2

Program Development 2-9 to 2-10

Task Builder 11-6

I/O Operations 3-38, 4-23

Introduction 3-9 to 3-10

Utilities 3-17

I/O Operations 4-24

I/O Operations 4-15

RMS-11 Introduction 3-15, 5-1

RMS-11 User's Guide 1-10, 1-12

MCR Operations 4-53

Program Development 3-9

RMS-11 Introduction 5-3

RMS-11 User's Guide 1-10, 1-12

Utilities 3-25

Utilities 11-1

Utilities 2-1

Program Development 2-9, 2-12 to
2-18

MCR Operations 3-220

MCR Operations 4-42

I/O Operations 4-21

MCR Operations 3-81, 3-122

MCR Operations 3-74

Introduction 3-6, 4-8, Gloss-13

MCR Operations 2-2

MCR Operations 3-69

MCR Operations 3-67

MCR Operations 3-67

MCR Operations 3-70

MCR Operations 3-68

MCR Operations 3-68

MCR Operations 3-69

MASTER INDEX

File (Cont.)

- organization
 - See ORG field in FAB
- output
- owner
 - See also PRG field in PRO block
- owning
 - PIP utility
- positioning
- printing
- processing
 - delaying
 - terminating
- protecting
- Files-11
 - PIP utility
- protection
- See also PRO field in PRO block
- purging
 - PIP utility
- record-output characteristic
 - See RAT field in FAB
- renaming
 - See also RENAME operation
 - PIP utility
- restoring
- revising
- revision date
 - See RDT field in DAT block
- revision number
 - See RVN field in DAT block
- rewinding
- saving
 - BRU utility
 - DSC utility
- secondary
 - appending data to
 - closing
 - opening
 - for reading
 - outputting text to
- source
- specification
 - convention for
 - default for
- specification string
 - See FNA field in FAB
 - default
 - See DNA field in FAB
- parsing
 - See FNB field in NAM block
- specifying
 - ANSI
 - quotation marks in
 - default

- Introduction 4-6, 4-10, Gloss-23
- MCR Operations 2-2

- Utilities 3-11
- I/O Operations 4-18 to 4-19
- Program Development 3-8 to 3-9
- RMS-11 Introduction 4-1
- RMS-11 User's Guide 1-16
- MCR Operations 4-30
- MCR Operations 4-42 to 4-43
- MCR Operations 2-2, 3-74, 3-82, 3-123

- Utilities 3-29
- Introduction 3-6, 5-6, Gloss-25 to Gloss-26
- Command Language 4-9

- Introduction 3-9 to 3-10
- Program Development 3-9 to 3-10
- Utilities 3-31

- I/O Operations 4-20
- Introduction 3-8

- Utilities 3-33
- EDT Editor 3-1
- RMS-11 Introduction 5-3
- RMS-11 User's Guide 1-10, 1-12
- EDT Editor 2-28

- I/O Operations 4-18

- Utilities 7-1
- Utilities 8-1

- MCR Operations 4-44
- MCR Operations 4-29
- MCR Operations 4-44
- MCR Operations 4-45
- MCR Operations 4-29
- Introduction 2-1, 4-3, 4-5, Gloss-30
- RMS-11 Introduction 4-1
- Task Builder 1-8
- Task Builder 1-8

- Utilities 1-4

- MCR Operations 1-2
- MCR Operations 2-7

MASTER INDEX

File

- specifying (Cont.)
 - example
 - format
 - VMR
 - wildcard
- spooling
 - PIP utility
- string
 - See FNA field in FAB
- structure
- supersession
 - See FB\$SUP mask in FOP field
- symbol definition
 - overriding
- system
 - command
 - requirements
 - image
 - determining minimum size
- system image
 - configuring
 - Executive data space and
- task image
- text
- transferring
 - FLX utility
- truncating
 - See also TRUNCATE operation
 - PIP utility
- type
 - standard
 - list
- universal library
 - See Universal library file
- updating
 - PAT utility
 - PIP utility
 - SLP utility
 - ZAP utility
- validating contents
 - PAT utility
- version
- wildcard context
 - See WCC field in NAM block
- wildcard operation
 - See NB\$WCH mask in FNB field
- wildcard search
 - See SEARCH operation
- window
 - mapping pointer
 - allocating
- File access
 - fixed-format disk sequential
 - parameter to FDOP\$A
 - remote via DECnet
- File access block
 - See FAB
- File access listener
 - See FAL
- File access privileges
- File allocation
 - See Allocation

- MCR Operations 2-9
- MCR Operations 2-4
- System Management 10-3
- MCR Operations 2-6
- Program Development 1-8, 3-8 to 3-9
- Utilities 3-38
- RMS-11 Introduction 3-1
- System Management 10-2
- System Management 10-4
- MCR Operations 3-59
- MCR Operations 3-60
- MCR Operations 3-160
- System Management 10-1
- System Management 10-2
- Introduction 2-1, 4-3, 4-8, 4-14, Gloss-33
- Introduction 2-1, Gloss-33
- Utilities 4-1
- Utilities 3-40
- MCR Operations 2-4
- MCR Operations 2-7
- MCR Operations 2-8
- Utilities 14-1
- Utilities 3-42
- Utilities 13-1
- Utilities 15-1
- Utilities 14-6
- MCR Operations 2-5
- MCR Operations 3-76, 3-86, 3-130
- I/O Operations 3-16
- Release Notes 2-6
- I/O Operations 2-14
- Release Notes 2-3

I/O Operations 3-3

MASTER INDEX

File attribute	
See also Attribute	
RMSDSP utility display	RMS-11 Utilities 5-4
File back-up date	
See Back-up date	
File command	
EDI editor	Utilities 2-33
File Compare Utility	
See CMP utility	
File contiguity	
See Contiguity	
File Control Block	
See FCB	
File control processor	
retrieval pointers	RMS-11 Introduction 2-1, 4-3
window turning	RMS-11 User's Guide 1-16
File Control Services	RMS-11 User's Guide 8-11
See FCS	RMS-11 User's Guide 8-12
File creation date	
See Creation date	
File Descriptor Block	
See also FDB	I/O Operations 1-10
File Design Utility (RMSDES)	
See RMS-11 Utilities	
File Dump Utility	
See DMP utility	
File extension	
See File type	
File header area	
characteristics	I/O Operations F-4
file number	I/O Operations F-3
file owner	I/O Operations F-4
file protection	I/O Operations F-4
file sequence number	I/O Operations F-3
identification area	I/O Operations F-3
map area offset	I/O Operations F-3
structure level	I/O Operations F-4
user file attributes	I/O Operations F-4
File header block	I/O Operations 5-3
file header area	I/O Operations F-3
format	I/O Operations F-1 to F-2
identification area	I/O Operations F-4
map area	I/O Operations F-5
predefined	I/O Operations E-2
File ID	
opening file by	I/O Operations 2-33 to 2-34, 3-13
File identifier	
processing by Files-11	I/O Operations G-6
File locking	I/O Operations 2-15
File name	Command Language 4-3
default	RMS-11 User's Guide A-6
file specification	RMS-11 User's Guide A-2
File operation	RMS-11 Introduction 4-2
	RMS-11 User's Guide 1-18
	RMS-11 Macros 3-6
See also Operation	
new RMS features	Release Notes 2-5
ENTER/REMOVE	Release Notes 2-5
PARSE	Release Notes 2-5
RENAME	Release Notes 2-5
SEARCH	Release Notes 2-5
File operation macro	
\$CLOSE	RMS-11 Macros 5-3
\$CREATE	RMS-11 Macros 5-9
declaring	RMS-11 Macros C-2

MASTER INDEX

File operation macro (Cont.)

\$DISPLAY
\$ERASE
\$EXTEND
\$OPEN

File organization

See also Indexed file organization
See also Relative file organization
See also Sequential file organization
and data storage
and file design
and optimizations
and record formats
and standard ODL files
indexed

alternate keys
changeable keys
duplicate keys
index
keys
null keys
primary key
segmented keys
random access
to indexed files
to relative files
to sequential files
relative

cell
RRN
RMSDEF utility
selection
sequential

user-provided interlocks
sequential access
to indexed files
to relative files
to sequential files

File owner
nonprivileged user
privileged user
File owner word
format
reading
writing

FILE PLACEMENT
RMSDES utility

File processing
magtape

File protection

File revision date
See Revision date

File Set Identifier
See also Fileset-ID
overriding

RMS-11 Macros 5-29
RMS-11 Macros 5-40
RMS-11 Macros 5-46
RMS-11 Macros 5-72
RMS-11 Introduction 3-1, 3-4
RMS-11 User's Guide 1-11, 1-18

RMS-11 User's Guide 2-5
RMS-11 User's Guide 2-11
RMS-11 User's Guide 8-10
RMS-11 User's Guide 1-20, 2-15
RMS-11 User's Guide 8-5
RMS-11 Introduction 3-6
RMS-11 User's Guide 1-5, 1-11, 5-1, 6-1, 7-1
RMS-11 Introduction 3-7
RMS-11 Introduction 3-10
RMS-11 Introduction 3-10
RMS-11 Introduction 3-7
RMS-11 Introduction 3-6
RMS-11 Introduction 3-10
RMS-11 Introduction 3-7
RMS-11 Introduction 3-10

RMS-11 Introduction 3-15
RMS-11 Introduction 3-15
RMS-11 Introduction 3-14
RMS-11 Introduction 3-5
RMS-11 User's Guide 1-4, 1-11, 4-1
RMS-11 Introduction 3-5
RMS-11 Introduction 3-6
RMS-11 Utilities A-8
RMS-11 User's Guide 2-11
RMS-11 Introduction 3-4
RMS-11 User's Guide 1-3, 1-11, 3-1
RMS-11 User's Guide 2-7

RMS-11 Introduction 3-14
RMS-11 Introduction 3-14
RMS-11 Introduction 3-14

I/O Operations 4-5
I/O Operations 4-6
I/O Operations 4-5
I/O Operations 4-6
I/O Operations 4-6
I/O Operations 4-6

RMS-11 Utilities 2-30
RMS-11 Macros 3-1
I/O Operations 5-4
Command Language 2-6, 4-9, 4-79
to 4-82, 5-28, 5-38, 5-51, 5-58, 9-33

MCR Operations 3-119 to 3-120

MCR Operations 3-125

MASTER INDEX

File sharing
 See Shared access
File size
 in blocks
 specifying
File space (RMSIFL)
 calculating
File specification

See also File
See also Infile, Outfile
default

 directory
 name
 node
 type
 version
 default name string
 definition of
 file name string
 fully qualified
 magtape
 device
 directory
 quoted string
 version
 merged string
 NAM block
 node
 parsing
 See PARSE operation
 quoted string
 remote
 RMSBCK utility
 RMSDEF utility
 RMSRST utility
 standard
 device
 directory
 name
 type
 version
 wildcard

File specifier
 See File specification
FILE statement
File Storage Region
 See also FSR
File structure
 See also Structure
 ANSI magtape
 user
File Structure Verification
 Utility
 See VFY utility
File system
 options
File Transfer Program (FLX)
 change to

System Management 4-61

RMS-11 Utilities 3-12
I/O Operations 2-27
 Introduction 1-14, 2-2, 3-2, 3-4,
 3-11 to 3-12, Gloss-13
 Command Language 4-2 to 4-3
 RMS-11 Introduction 4-1
 RMS-11 User's Guide 1-18 to 1-19

 Introduction 1-15
 RMS-11 User's Guide A-6
 RMS-11 User's Guide A-6
 RMS-11 User's Guide A-6
 RMS-11 User's Guide B-2
 RMS-11 User's Guide A-6
 RMS-11 User's Guide A-6
 RMS-11 User's Guide A-5 to A-6
 I/O Operations 1-11
 RMS-11 User's Guide A-5
 RMS-11 Macros 3-4
 RMS-11 User's Guide A-4 to A-5
 RMS-11 User's Guide A-4
 RMS-11 User's Guide A-4
 RMS-11 User's Guide A-5
 RMS-11 User's Guide A-5
 RMS-11 Macros 3-3
 RMS-11 User's Guide A-6
 RMS-11 User's Guide B-2

RMS-11 User's Guide B-2
RMS-11 User's Guide B-2
RMS-11 Utilities 6-9
RMS-11 Utilities A-7
RMS-11 Utilities 7-10
RMS-11 User's Guide A-1
RMS-11 User's Guide A-1
RMS-11 User's Guide A-1
RMS-11 User's Guide A-2
RMS-11 User's Guide A-3
RMS-11 User's Guide A-3
RMS-11 Introduction 4-1
RMS-11 User's Guide A-2 to A-3
RMS-11 Macros 3-8

Error Logging 5-37 to 5-38
I/O Operations 1-2

I/O Operations 5-1

I/O Operations G-8
I/O Operations 5-1

System Generation C-5

Release Notes 1-38

MASTER INDEX

File Transfer Utility
 See FLX utility
 File truncation
 automatic
 PUT\$
 File type

 default
 .FTN
 .LST

 .MAC
 .MAP
 .MLB
 .OBJ
 .OLB
 parsing
 .PMD
 .TSK

File version
 0
 default

 parsing
 special versions
 wildcard

File version number

File window
 in secondary pool
 SYSGEN question

File-ID number

File-processing macro call
 error handling

File-structured device

 exercising
 IOX

FILE.MAC source code

/FILE POSITION file qualifier
 SET QUEUE command

/FILE POSITION qualifier
 DELETE command

FILEA.MAC source code

FILEB.MAC source code

Filename
 parsing

Filename block
 ANSI format
 default directory
 definition of
 deleting by
 directory information
 format
 initializing
 offset definitions
 offsets
 offsets for ANSI magtape
 opening by
 status word

<FILER2> symbol

<FILERR> symbol

I/O Operations 4-22

I/O Operations 2-9

Introduction 1-14, 2-1, 3-11 to
 3-12, 4-4 to 4-5, 4-7,
 Gloss-14 to Gloss-15

Command Language 4-3 to 4-5

RMS-11 User's Guide A-3

RMS-11 User's Guide A-6

Program Development 7-3 to 7-4

Program Development 3-4, 6-11,
 7-3 to 7-4

Program Development 3-1

Program Development 4-6

Program Development 6-1

Program Development 3-4, 7-5

Program Development 6-4

I/O Operations 4-11 to 4-12

Program Development 5-10

Program Development 4-1

RMS-11 User's Guide A-3, A-5

I/O Operations 4-16

I/O Operations 4-16

RMS-11 User's Guide A-6

I/O Operations 4-11 to 4-12

I/O Operations 4-13

I/O Operations 4-16

Command Language 4-3

System Generation 3-26

Introduction 3-6, Gloss-13

I/O Operations 3-1

I/O Operations 3-2

Introduction 5-10 to 5-11,
 Gloss-13

System Management 4-3

Program Development 2-19 to 2-20

Batch and Queue 2-21

Batch and Queue 2-11

Program Development 2-21 to 2-22

Program Development 2-23 to 2-24

I/O Operations 4-8, 4-11 to 4-12

I/O Operations B-5

I/O Operations 4-17

I/O Operations 1-11

I/O Operations 4-24

I/O Operations 4-16

I/O Operations B-1, B-3

I/O Operations 2-35

I/O Operations B-2

I/O Operations B-1

I/O Operations B-4

I/O Operations 3-14

I/O Operations 4-11, B-3 to B-4

MCR Operations 4-11

MCR Operations 4-11

MASTER INDEX

Files	
indexed	
new RMS feature	Release Notes 2-7
relative	
new RMS feature	Release Notes 2-7
required for system	System Generation 4-3
/FILES qualifier	
SHOW QUEUE command	Batch and Queue 2-15
Files-11	I/O Operations 5-1, E-1, F-5, G-3, G-6
	Introduction 5-12, Gloss-13
	Command Language 5-4
	MCR Operations 2-1
disk	
selecting for testing	
IOX	System Management 4-38
disk structure	
testing for a	
IOX	System Management 4-63
file	
copying	
FLX utility	Utilities 4-2
PIP utility	Utilities 3-8
protecting	
PIP utility	Utilities 3-29
verifying structure	Utilities 9-1
file identifier processing	I/O Operations G-6
magtape	MCR Operations 2-1
naming convention	I/O Operations G-3
valid device	MCR Operations 2-1
volume	
bad block	
entering	MCR Operations 3-80
marking	MCR Operations 3-79
directory	
accessing	MCR Operations 3-74, 3-84, 3-124
home block	
modifying	MCR Operations 3-73
initializing	MCR Operations 3-78
level	MCR Operations 3-84
mounting	MCR Operations 3-117
owner	
specifying	MCR Operations 3-85 to 3-86
preparing	MCR Operations 2-1
protecting	MCR Operations 3-86, 3-126
protecting with TEMPORARYFILE	
IOX	System Management 4-61
volume exercise	
example of	
IOX	System Management 4-9
Files-11 ACP	
See FllACP	
See also FCP	
Files-11 Ancillary Control	
Processor	
See FCP	
FILES11 command	
IOX	
default parameters	System Management 4-38
Fileset-ID	Command Language 5-12, 5-28, 5-38 to 5-40
	Command Language 4-2 to 4-3
Filespec	
See also File specification	Introduction Gloss-15, Gloss-27
Filespec qualifier	

MASTER INDEX

Fill characters option

vertical

Fill command

FILL command (nokeypad)

FILL function (keypad)

Fill memory

Fill number

data bucket

See DFL field in KEY block

index bucket

See IFL field in KEY block

RMSCNV utility

RMSDEF utility

RMSIFL utility

Fill size

See Bucket fill number

<FILSPC> symbol

FIN argument to ORG\$ macro

.FIND

effects of NB.ANS

wildcard operations

FIND command

EDI editor

EDT editor

FIND function (keypad)

\$FIND macro

key access

RFA access

sequential access

FIND operation

access modes

and bucket locking

and shared access

and stream records

declaring with ORG\$ macro

deferred write

\$FIND macro

key access

RFA access

sequential access

indexed files

key access

random by key

RFA access

sequential access

key access

relative files

key access

RFA access

sequential access

RFA access

sequential access

sequential files

key access

RFA access

sequential access

FIND statement

Finding text

keypad editing

line editing

nokeypad editing

FINIT\$ macro

format

MCR Operations 3-184

System Management 10-50

MCR Operations 3-214

System Management 10-64

ODT 2-9, 6-4

EDT Editor 8-11

EDT Editor 5-49

ODT 6-4

RMS-11 Utilities 4-10

RMS-11 Utilities A-16

RMS-11 Utilities 3-6

MCR Operations 4-13

RMS-11 Macros 2-3

I/O Operations 4-13 to 4-14

I/O Operations 4-15

I/O Operations 4-13

EDT Editor 7-8

Utilities 2-33

Introduction 2-13

EDT Editor 5-21

RMS-11 Macros 5-51

RMS-11 Macros 5-54

RMS-11 Macros 5-49

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-15

RMS-11 Macros 4-10

RMS-11 Introduction 4-6

RMS-11 User's Guide 2-8

RMS-11 User's Guide 2-6, 2-10

RMS-11 User's Guide 2-16

RMS-11 Macros 2-3

RMS-11 User's Guide 7-9

RMS-11 Macros 5-51

RMS-11 Macros 5-54

RMS-11 Macros 5-49

RMS-11 User's Guide 7-3

RMS-11 User's Guide 7-3

RMS-11 User's Guide 5-13

RMS-11 User's Guide 7-3

RMS-11 User's Guide 5-17, 7-3

RMS-11 User's Guide 1-16

RMS-11 User's Guide 4-8

RMS-11 User's Guide 4-8

RMS-11 User's Guide 4-8

RMS-11 User's Guide 4-8

RMS-11 User's Guide 1-16

RMS-11 User's Guide 1-16

RMS-11 User's Guide 3-7

RMS-11 User's Guide 3-7

RMS-11 User's Guide 3-7

RMS-11 User's Guide 3-7

Error Logging 5-39

EDT Editor 5-21

EDT Editor 7-8

EDT Editor 8-4

I/O Operations 2-39

I/O Operations 2-39

MASTER INDEX

FINLPL
 FIX command
 VMR
 /FIX keyword
 INSTALL command
 VMR
 FIX-IN-MEMORY command
 command line format
 error message
 example
 keyword
 /REG
 /RON
 VMR
 command line format
 example
 keyword
 /DIR
 /NSF
 /REG
 /RON
 Fixed and removable, single
 spindle disk
 Fixed control area
 RMSDEF utility
 Fixed length record
 magtape
 Fixed line number
 assigning
 description
 display
 example
 Fixed task
 ODT
 Fixed-control-size
 See FSZ field in FAB
 Fixed-length record format
 See also FB\$FIX code in RFM
 field
 /FL switch
 PRI command
 FLA command
 command line format
 error message
 example
 keyword
 /CRE
 /ELIM
 Flag
 event
 group global event
 creating
 displaying
 eliminating
 status
 device
 displaying
 list
 task
 task status
 displaying
 list
 /FLAG PAGE qualifier
 PRINT command
 Error Logging 4-6
 Command Language 7-35 to 7-37,
 9-16
 MCR Operations 3-55
 System Management 10-18
 System Management 10-22
 MCR Operations 3-55
 MCR Operations 3-55
 MCR Operations 3-56
 MCR Operations 3-56
 MCR Operations 3-55
 MCR Operations 3-55
 System Management 10-18
 System Management 10-18
 System Management 10-19
 System Management 10-19
 System Management 10-19
 System Management 10-19
 System Management 10-19
 System Management 10-19
 I/O Drivers 5-4A
 RMS-11 Utilities A-8
 I/O Operations 1-4
 I/O Operations 1-4
 EDT Editor 1-7, 6-3
 EDT Editor 6-1
 EDT Editor 6-1
 EDT Editor 6-4
 EDT Editor 6-5
 ODT 5-7
 RMS-11 Introduction 3-2
 RMS-11 User's Guide 1-11, 2-15
 Batch and Queue 2-5
 MCR Operations 3-57
 MCR Operations 3-57
 MCR Operations 3-58
 MCR Operations 3-57
 MCR Operations 3-57
 MCR Operations 3-57
 Executive 2-2
 MCR Operations 3-57
 MCR Operations 3-57
 MCR Operations 3-57
 MCR Operations 3-57
 System Management 15-9
 System Management 15-9
 Command Language 7-48
 MCR Operations 3-19
 MCR Operations 3-20
 Batch and Queue 2-5

MASTER INDEX

FLG field in KEY block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 summary
 XB\$CHG mask
 XB\$DUP mask
 XB\$NUL mask
 Floating CSR address
 assignment algorithm
 worksheet
 blank
 completed example
 format
 instructions
 Floating point processor
 specifying
 SYSGEN question
 Floating qualifier
 Floating vector
 Floating-point
 directive
 .FLT2
 .FLT4
 number
 operation code
 processor
 rounding
 controlling
 truncation
 controlling
 unary operator
 .FLT2 directive
 .FLT4 directive
 \$FLUSH macro
 FLUSH operation

 \$FLUSH macro
 indexed files
 record stream
 relative files
 sequential files
 FLX
 See File Transfer Program
 FLX utility
 cassette
 input file
 multivolume support
 output file
 TAll/TU60 support
 command line
 device support
 DOS-11 volume
 deleting
 directory listing
 initializing
 valid
 error message
 file
 deleting
 Files-11
 specifying
 FORTRAN direct access file
 paper tape support
 RT-11 volume

RMS-11 Macros 5-19
 RMS-11 Macros 5-31
 RMS-11 Macros 6-67
 RMS-11 Macros 5-80

 RMS-11 Macros 6-76
 RMS-11 Macros 6-77
 RMS-11 Macros 6-78
 System Generation E-1
 System Generation E-2

 System Generation E-5 to E-6
 System Generation E-7 to E-8
 System Generation E-3
 System Generation E-4

 Task Builder 10-18
 System Generation 3-29
 Command Language 1-3 to 1-5
 System Generation E-1

 PDP-11 MACRO-11 6-35
 PDP-11 MACRO-11 6-35
 PDP-11 MACRO-11 6-35
 PDP-11 MACRO-11 6-33 to 6-34
 PDP-11 MACRO-11 C-4 to C-5
 PDP-11 MACRO-11 3-14
 PDP-11 MACRO-11 6-34
 PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 6-34
 PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 6-35 to 6-36
 PDP-11 MACRO-11 6-35
 PDP-11 MACRO-11 6-35
 RMS-11 Macros 5-56
 RMS-11 Introduction 4-4
 RMS-11 User's Guide 1-15
 RMS-11 Macros 5-56
 RMS-11 User's Guide 7-5
 RMS-11 Macros 4-8
 RMS-11 User's Guide 4-10
 RMS-11 User's Guide 3-9

Command Language 5-12
 Utilities 4-13
 Utilities 4-15
 Utilities 4-14
 Utilities 4-14
 Utilities 4-13
 Utilities 4-2
 Utilities 4-2
 Utilities 4-8
 Utilities 4-10
 Utilities 4-8
 Utilities 4-10
 Utilities 4-1
 Utilities 4-17

 Utilities 4-7
 Utilities 4-2
 Utilities 4-2
 Utilities 4-16
 Utilities 4-15
 Utilities 4-10

MASTER INDEX

FLX utility	
RT-11 volume (Cont.)	
deleting	Utilities 4-12
directory listing	Utilities 4-10
initializing	Utilities 4-12
valid	Utilities 4-2
switch	Utilities 4-3
control	Utilities 4-6
transfer mode	Utilities 4-4
volume format	Utilities 4-4
volume	
directory listing	Utilities 4-7
file deletion	Utilities 4-7
file transfer	Utilities 4-4
formatting	Utilities 4-4
initializing	Utilities 4-2
wildcard	Utilities 4-3
Flying installs	System Management 12-3
FM1WM1	Error Logging 4-6
FM2CM1	Error Logging 4-6
FM3CM1	Error Logging 4-6
FM4NM1	Error Logging 4-6
FM4WM1	Error Logging 4-6
<FMASK> symbol	MCR Operations 4-13
FMT utility	Command Language 5-10, 5-12
command line	Utilities 5-1
device support	Utilities 5-5
error message	Utilities 5-10
indirect command file	Utilities 5-9
initiating	Utilities 5-1
operation mode	Utilities 5-2
switch	Utilities 5-7
summary	Utilities 5-1
terminating	Utilities 5-2
FMTBUF option	Task Builder 11-16
FMTNP1	Error Logging 4-7, 4-11
FMTPl	Error Logging 4-11
FN1NM1	Error Logging 4-6
FNA field in FAB	RMS-11 Macros 3-3
CREATE operation	RMS-11 Macros 5-10
ENTER operation	RMS-11 Macros 5-36
ERASE operation	RMS-11 Macros 5-41
offset	RMS-11 Macros 6-24
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-87
REMOVE operation	RMS-11 Macros 5-103
RENAME operation	RMS-11 Macros 5-109 to 5-110
summary	RMS-11 Macros 6-38
\$FNAM	
predefined syntax element in	
MML	System Management 12-44
FNB field in NAM block	RMS-11 Macros 3-3, 3-9 to 3-10
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37 to 5-38
ERASE operation	RMS-11 Macros 5-41, 5-43
offset	RMS-11 Macros 6-94
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-103, 5-105
RENAME operation	RMS-11 Macros 5-109, 5-111 to 5-112
SEARCH operation	RMS-11 Macros 5-116, 5-118
summary	RMS-11 Macros 6-101
NB\$WCH mask	RMS-11 Macros 6-102
wildcard loop	RMS-11 Macros 3-10
FNDNXT function	EDT Editor 5-23
repeating	EDT Editor 5-24

MASTER INDEX

\$FNDDPG (Find page)
 \$FNERL
 FNS field in FAB
 CREATE operation
 ENTER operation
 ERASE operation
 offset
 OPEN operation
 PARSE operation
 REMOVE operation
 RENAME operation
 summary
 /FO job switch
 QUE /MOD command
 /FO keyword
 QUE /SP command
 MCR
 /FO switch
 PIP utility
 PRI command
 QUE /LI command
 RMSCNV utility
 FOP field in FAB
 CLOSE operation
 CREATE operation

 ENTER operation
 ERASE operation
 EXTEND operation
 offset
 OPEN operation

 REMOVE operation
 RENAME operation
 SEARCH operation
 summary
 FB\$CTG mask
 FB\$DFW mask
 FB\$DLK mask
 FB\$FID mask
 FB\$MKD mask
 FB\$NEF mask
 FB\$POS mask
 FB\$RWC mask
 FB\$RWO mask
 FB\$SUP mask
 FB\$TMP mask
 FOR
 range specification
 FOR command
 MCR
 FOR compiler task
 creating object module
 /D LINES
 /DE
 debugging statements
 diagnostic run
 FOR command
 MCR
 FORTRAN command
 DCL
 .FTN file type
 /LIST
 /NOOBJECT
 /OBJECT
 /FOR keyword
 MOUNT command

System Library 8-27
 Error Logging 4-22
 RMS-11 Macros 3-3
 RMS-11 Macros 5-10
 RMS-11 Macros 5-36
 RMS-11 Macros 5-41
 RMS-11 Macros 6-24
 RMS-11 Macros 5-73
 RMS-11 Macros 5-87
 RMS-11 Macros 5-103
 RMS-11 Macros 5-109 to 5-110
 RMS-11 Macros 6-39

Batch and Queue 2-20

System Management 7-17

Utilities 3-11
 Batch and Queue 2-5
 Batch and Queue 2-16
 RMS-11 Utilities 4-9, 4-15
 RMS-11 Macros 3-7, 3-9 to 3-11
 RMS-11 Macros 5-4
 RMS-11 Macros 5-10 to 5-11, 5-15,
 5-18
 RMS-11 Macros 5-36
 RMS-11 Macros 5-41
 RMS-11 Macros 5-46
 RMS-11 Macros 6-23
 RMS-11 Macros 5-73 to 5-74, 5-76
 to 5-78
 RMS-11 Macros 5-103
 RMS-11 Macros 5-109 to 5-110
 RMS-11 Macros 5-117

 RMS-11 Macros 6-40
 RMS-11 Macros 6-41
 RMS-11 Macros 6-42
 RMS-11 Macros 6-43
 RMS-11 Macros 6-44
 RMS-11 Macros 6-45
 RMS-11 Macros 6-46
 RMS-11 Macros 6-47
 RMS-11 Macros 6-48
 RMS-11 Macros 6-49
 RMS-11 Macros 6-50

EDT Editor 6-10

Program Development 7-1, 7-4
 Program Development 7-1
 Program Development 7-5
 Program Development 7-7
 Program Development 7-7
 Program Development 7-7
 Program Development 7-3 to 7-4

Program Development 7-1, 7-4

Program Development 7-1, 7-3
 Program Development 7-3 to 7-4
 Program Development 7-3, 7-7
 Program Development 7-3
 Program Development 7-3, 7-7

MCR Operations 3-123

MASTER INDEX

<FORATT> symbol
 Foreign volume

 FORK
 Fork block
 storage area
 Fork Level
 Fork list
 head of (\$FRKHD)
 Fork process
 definition
 \$FORK routine
 driver use in I/O processing
 \$FORK1 routine
 Form
 special hardcopy
 .FORM directive
 Form feed
 hardware
 specifying

 PAGE
 FORM FEED command
 EDI editor
 FORMAT
 RMSDES utility
 Format
 See also Record format
 assembler listing
 control directive
 line printer
 teleprinter
 assembler statement
 control
 FORTRAN IV
 statement
 macro definition
 MACRO-11
 source file
 skeleton
 statement
 memory listing
 register
 source line
 Trace listing
 Format control
 vertical
 line printer
 terminal
 Format module
 Format switch
 full report
 no report
 Register report
 Formatter
 TM02/03
 SYSGEN question
 Formatting volume
 FLX utility
 FMT utility
 /FORMFEED keyword
 SET command
 VMR
 Forms
 definition

MCR Operations 4-11
 Command Language 5-9 to 5-10,
 5-12 to 5-13, 5-26, 5-29
 Crash Dump Analyzer 4-2
 Writing I/O Driver 1-17
 Writing I/O Driver 4-39
 Executive 5-18

 Writing I/O Driver 2-14
 Writing I/O Driver 1-9, 1-14,
 1-18
 Writing I/O Driver 1-8
 Writing I/O Driver 1-8 to 1-9,
 1-18, 7-18
 Writing I/O Driver 3-5
 Writing I/O Driver 7-19

 Batch and Queue 1-2
 MCR Operations 4-7
 Introduction Gloss-15

 MCR Operations 3-183
 System Management 10-50
 EDT Editor 5-20

 Utilities 2-34

 RMS-11 Utilities 2-36

 PDP-11 MACRO-11 6-4
 PDP-11 MACRO-11 6-13 to 6-14
 PDP-11 MACRO-11 6-5 to 6-6
 PDP-11 MACRO-11 6-7 to 6-8
 PDP-11 MACRO-11 2-1
 PDP-11 MACRO-11 2-5

 Program Development 7-3
 PDP-11 MACRO-11 7-4

 Program Development 2-1 to 2-3
 Program Development 2-4
 Program Development 2-3
 ODT 6-5
 ODT 2-6, 5-3
 PDP-11 MACRO-11 2-5
 ODT 8-2

 I/O Drivers 10-5 to 10-6
 I/O Drivers 3-26 to 3-27
 Error Logging 4-11
 Error Logging 3-5
 Error Logging 3-15
 Error Logging 3-19
 Error Logging 3-18

 System Generation 3-35

 Utilities 4-4
 Utilities 5-1

 MCR Operations 3-183
 System Management 10-50

 Batch and Queue Gloss-4

MASTER INDEX

/FORMS job qualifier
 SET QUEUE command
 /FORMS qualifier
 INITIALIZE/PROCESSOR command
 DCL
 PRINT command
 QUE /LI command
 FOROTS.OLB (FORTRAN IV and
 FORTRAN IV-PLUS library)
 FORTRAN
 AST service routine
 common block
 in overlays
 directives not available
 manual load calling sequence
 for I- and D-space task
 operations forbidden at AST
 state
 run-time support
 virtual program section
 FORTRAN command

 DCL
 FORTRAN IV

 See also FOR compiler task
 compiler task
 formatting source statements
 library
 source file
 blank line
 comment line
 specifying OTS to TKB
 FORTRAN IV-PLUS

 library
 FORTRAN programs
 increasing FSR size
 FORTRAN-77

 FORTRAN-IV-PLUS language
 processor
 FORTRAN-style carriage control
 See FB\$FTN mask in RAT field
 Forward reference
 Four-byte signed integer key
 Four-byte unsigned binary key
 /FP switch
 /FPRO keyword
 HOME command
 INI command
 MOUNT command
 FPT symbolic argument
 /FR switch
 PIP utility
 RMSRST utility
 VFY utility
 Fragment
 pool

 Fragmentation
 pool

 FREE command
 RMD
 \$FREE macro

 Batch and Queue 2-20

 System Management 7-17
 Batch and Queue 2-5
 Batch and Queue 2-16

 Program Development 1-11
 Introduction 4-12
 Executive 1-8

 Task Builder 3-19
 Executive 1-7
 Task Builder 4-9 to 4-10
 Task Builder 4-11

 Executive 1-8 to 1-9

 Task Builder 5-56 to 5-57
 Introduction 4-13
 Command Language 6-2, 6-13 to
 6-20, 9-16
 Program Development 7-1, 7-3
 Command Language 6-13 to 6-20,
 9-16

 Program Development 7-1
 Program Development 7-3
 Program Development 1-11

 Program Development 7-3
 Program Development 7-3
 Program Development 7-5
 Command Language 6-13 to 6-20,
 9-16
 Program Development 1-11

 I/O Operations 2-41
 Command Language 6-13 to 6-20,
 9-16

 EDT Editor 6-4

 PDP-11 MACRO-11 3-8 to 3-10, 3-13
 RMS-11 User's Guide 6-4
 RMS-11 User's Guide 6-5
 Task Builder 10-18

 MCR Operations 3-74
 MCR Operations 3-82
 MCR Operations 3-123
 PDP-11 MACRO-11 6-19

 Utilities 3-23
 RMS-11 Utilities 7-7
 Utilities 9-5

 System Management 13-2 to 13-5,
 13-13

 System Management 13-1 to 13-5,
 13-7 to 13-10, 13-12 to 13-13

 System Management 6-8
 RMS-11 Macros 5-58

MASTER INDEX

FREE operation
 and shared access
 block stream
 \$FREE macro
 record stream
 Free-space list for pool
 \$FRKHD symbol
 \$FSEP
 predefined syntax element in
 MML
 FSR
 calculating length
 changing the size of
 definition of
 initializing
 number of block buffer headers
 number of block buffers
 FSR size
 for command file
 \$\$FSR1
 FSR program section
 reserved PSECT name
 \$\$FSR2

 .FSRPT
 low-memory context
 reserved global symbol
 FSRSZ\$
 FSRSZ\$ macro
 format
 parameters
 FSZ field in FAB
 CREATE operation
 offset
 OPEN operation
 summary
 FTB
 FTB library
 overlaid region
 .FTN file type
 See also FOR compiler task
 /FU switch
 LBR utility
 PIP utility
 QUE /LI command
 RMSDSP utility
 Full format report
 context information
 device error
 device supplied information
 * flag
 I/O operation
 FULL keyword
 CON command
 VMR
 DISPLAY command
 CON
 /FULL qualifier
 SHOW QUEUE command
 Full-duplex I/O
 Full-duplex option

 Full-functionality Executive
 definition
 features
 SYSGEN question

 RMS-11 Introduction 4-4
 RMS-11 User's Guide 1-15
 RMS-11 User's Guide 2-10
 RMS-11 Macros 4-13
 RMS-11 Macros 5-58
 RMS-11 Macros 4-9
 RMS-11 Macros 2-19
 Writing I/O Driver 2-14

 System Management 12-44

 I/O Operations 2-40
 I/O Operations 1-3
 I/O Operations 1-11
 I/O Operations 2-36, 2-39
 I/O Operations 1-2
 I/O Operations 1-2

 I/O Operations 6-13
 I/O Operations 1-2
 I/O Operations 2-40
 Task Builder E-3
 I/O Operations 1-2, 4-2, 4-4 to
 4-5

 Task Builder B-10
 Task Builder E-1
 I/O Operations 2-37
 I/O Operations 2-36
 I/O Operations 2-37
 I/O Operations 2-37

 RMS-11 Macros 5-11
 RMS-11 Macros 6-24
 RMS-11 Macros 5-78
 RMS-11 Macros 6-51
 Program Development 4-4

 Task Builder 5-13
 Program Development 7-3 to 7-4

 Task Builder 10-19
 Utilities 10-21
 Utilities 3-25
 Batch and Queue 2-15
 RMS-11 Utilities 5-2, 5-4
 Error Logging 3-15
 Error Logging 1-5
 Error Logging 1-5
 Error Logging 1-5
 Error Logging 1-5
 Error Logging 1-5

 System Management 10-12

 System Management 15-9

 Batch and Queue 2-15
 Writing I/O Driver 1-13
 MCR Operations 3-182
 System Management 10-49

 System Generation 1-10
 System Generation 3-20
 System Generation 3-20

MASTER INDEX

Function
 control key
 how to redefine
 Function commands
 IOX
 as a category
 Function directive, assembler
 Function key
 Function mask
 ACP
 building for mask word
 control
 establishing
 layout
 legal
 details
 no-op
 Functionality

G

G command
 ODT
 G register
 /GBL keyword
 ASSIGN command
 VMR
 GBL symbolic argument
 GBLDEF option
 GBLINC option
 GBLPAT
 See also TKB
 GBLREF option
 GBLXCL option
 use in CSM library

 GCCIS\$
 GCIIIS\$
 GCML
 run-time calls
 usage considerations
 GCML control block
 offset
 referencing
 GCMLS\$
 GCMLB\$
 GCMLD\$
 General Information Directive
 General register
 Generic match
 GET argument to ORG\$ macro
 GET command
 RMSDES utility
 PROTECTION attribute
 with SAVE
 Get Command for Command
 Interpreter directive
 Get Command Interpreter
 Information directive
 Get LUN Information directive
 \$GET macro
 key access
 RFA access
 sequential access
 Get Mapping Context directive

EDT Editor 5-5
 EDT Editor 10-1

System Management 4-3
 PDP-11 MACRO-11 6-18 to 6-22
 EDT Editor 5-1

Writing I/O Driver 4-19 to 4-20
 Writing I/O Driver 4-21
 Writing I/O Driver 4-19 to 4-20
 Writing I/O Driver 4-22
 Writing I/O Driver 4-19 to 4-20

Writing I/O Driver 4-19 to 4-20
 Writing I/O Driver 4-19 to 4-20
 Introduction 2-2

ODT 2-9, 3-2
 Program Development 5-6, 5-8
 ODT 2-7, 5-4

MCR Operations 3-17
 System Management 10-9
 PDP-11 MACRO-11 6-21, 6-41
 Task Builder 11-17
 Task Builder 11-18
 Task Builder 11-19

Task Builder 11-20
 Task Builder 11-21
 Task Builder 8-3, 8-7 to 8-8,
 8-18

Executive 5-75
 Executive 5-79
 I/O Operations 6-1 to 6-13
 I/O Operations 6-9
 I/O Operations 6-13
 I/O Operations 6-3
 I/O Operations 6-6 to 6-9
 I/O Operations 6-9
 I/O Operations 6-9 to 6-11
 I/O Operations 6-4 to 6-5
 I/O Operations 6-6 to 6-9

Executive 1-12
 ODT 5-2
 RMS-11 Introduction 3-12
 RMS-11 Macros 2-3

RMS-11 Utilities 2-10, 2-17, 2-24
 RMS-11 Utilities 2-33
 RMS-11 Utilities 2-28

Executive 5-75

Executive 5-79
 Executive 5-81

RMS-11 Macros 5-63
 RMS-11 Macros 5-67
 RMS-11 Macros 5-60
 Executive 5-86

MASTER INDEX

Get MCR Command Line directive	Executive 5-84
Get Multiple Characteristics	I/O Drivers 2-13
GET operation	RMS-11 Introduction 4-4
	RMS-11 User's Guide 1-15
	RMS-11 Macros 4-10
access modes	RMS-11 Introduction 4-6
and bucket locking	RMS-11 User's Guide 2-8
and ODLs	RMS-11 User's Guide 8-5
and shared access	RMS-11 User's Guide 2-6, 2-10
and stream records	RMS-11 User's Guide 2-16 to 2-17
declaring with ORG\$ macro	RMS-11 Macros 2-3
deferred write	RMS-11 User's Guide 7-9
\$GET macro	
key access	RMS-11 Macros 5-63
RFA access	RMS-11 Macros 5-67
sequential access	RMS-11 Macros 5-60
indexed files	RMS-11 User's Guide 7-5, 7-9
key access	RMS-11 User's Guide 7-5
random by key	RMS-11 User's Guide 5-13
RFA access	RMS-11 User's Guide 7-5
sequential access	RMS-11 User's Guide 5-17, 7-5
key access	RMS-11 User's Guide 1-16
locate mode	RMS-11 User's Guide 3-14
indexed files	RMS-11 User's Guide 7-8
relative files	RMS-11 User's Guide 4-13
move mode	
indexed files	RMS-11 User's Guide 7-7
relative files	RMS-11 User's Guide 4-12
sequential files	RMS-11 User's Guide 3-13
relative files	RMS-11 User's Guide 4-10
key access	RMS-11 User's Guide 4-10
RFA access	RMS-11 User's Guide 4-10
sequential access	RMS-11 User's Guide 4-10
RFA access	RMS-11 User's Guide 1-16
sequential access	RMS-11 User's Guide 1-16
sequential files	RMS-11 User's Guide 3-9
key access	RMS-11 User's Guide 3-9
RFA access	RMS-11 User's Guide 3-9
sequential access	RMS-11 User's Guide 3-9
Get Partition Parameters directive	Executive 5-89
Get Region Parameters directive	Executive 5-91
Get Sense Switches directive	Executive 5-93
Get Task Parameters directive	Executive 5-97
Get Time Parameters directive	Executive 5-95
GET\$	
FDB	I/O Operations 3-20
locate mode	I/O Operations 3-18
move mode	I/O Operations 3-18, 3-21
GET\$ macro call	
format	I/O Operations 3-19
parameters	I/O Operations 3-19
GET\$R	I/O Operations 3-22
GET\$R macro call	
format	I/O Operations 3-22
parameters	I/O Operations 3-23
GET\$\$	I/O Operations 3-24
Get-space routine	RMS-11 Macros 2-18
example	RMS-11 Macros 7-18
macro	
declaring	RMS-11 Macros C-2
RMS-11-supplied	RMS-11 Macros 2-4
GETADR	Executive 1-7
\$GETGSA macro	RMS-11 Macros 2-19
GFB	Executive 5-40, 5-60
Global	Introduction Gloss-15
additive relocation	Task Builder A-16

MASTER INDEX

Global (Cont.)	
relocation	Task Builder A-15
additive displaced	Task Builder A-17
displaced	Task Builder A-16
symbol	
address of ODT SST routine	Task Builder 11-24
ambiguously defined in	
overlay	Task Builder 3-16
declaration directory record	Task Builder A-2
directory record format	Task Builder A-4
end of directory record	Task Builder A-11
from the default library	Task Builder 3-18
in autoloadable segment	Task Builder 4-4, 4-6
in cross-reference listing	Task Builder 10-12 to 10-13
multiply-defined	Task Builder 3-16
multisegment task	Task Builder 3-16
name	Task Builder A-6
name entry	Task Builder A-6
overlay search sequence	Task Builder 3-17
resolution	Task Builder 2-7
search sequence in overlays	Task Builder 3-16
undefined	Task Builder 2-7
symbol resolution	
co-tree	Task Builder 3-17
default library	Task Builder 3-18
in multisegment task	Task Builder 3-16
GLOBAL argument	PDP-11 MACRO-11 8-9
Global cross-reference	
listing	Program Development 4-5 to 4-6
Global default	
disabling in MACRO-11	Program Development 3-1 to 3-2
Global event flags	
group	Command Language 6-91 to 6-92, 9-32, 9-38
Global expression evaluation	PDP-11 MACRO-11 3-17
Global label	PDP-11 MACRO-11 6-49
Global reference	PDP-11 MACRO-11 6-49
Global switch	
RMSBCK utility	RMS-11 Utilities 6-5
RMSIFL utility	RMS-11 Utilities 3-5
RMSRST utility	RMS-11 Utilities 7-5
Global symbol	Introduction 4-8, Gloss-15
	PDP-11 MACRO-11 1-2, 3-7
	Program Development 1-4 to 1-5
	MCR Operations 4-3
	PDP-11 MACRO-11 3-1 to 3-2, 3-8, 6-49
defining	
definition	
See also .GLOBL directive	
deleting definition of	MCR Operations 4-35
directory	PDP-11 MACRO-11 1-2
entry point	Program Development 1-4, 6-5 to 6-6, 6-10
label as a	PDP-11 MACRO-11 2-2
mode	MCR Operations 4-32
resolution	Program Development 4-2, 6-8 to 6-9
undefined reference	PDP-11 MACRO-11 6-21
using library to resolve	
undefined	Program Development 6-8 to 6-9
.GLOBL directive	PDP-11 MACRO-11 3-7, 6-49
GLUN\$	Executive 5-81
	I/O Drivers 1-21
	I/O Drivers 14-2
	I/O Drivers 11-1 to 11-2
	I/O Drivers 9-1 to 9-2
	I/O Drivers 6-1 to 6-2
	I/O Drivers 5-4A
A/D converter	
card reader	
cassette	
DECTape	
disk	

MASTER INDEX

GLUN\$ (Cont.)

DT07 UNIBUS switch	I/O Drivers 23-2
full-duplex terminal driver	I/O Drivers 2-6 to 2-7
graphic display driver	I/O Drivers 20-1
half-duplex terminal driver	I/O Drivers 3-4 to 3-5
ICS/ICR	I/O Drivers 18-8
laboratory peripheral system	I/O Drivers 16-2
line printer	I/O Drivers 10-2 to 10-3
LPA11-K	I/O Drivers 21-2
magnetic tape	I/O Drivers 8-3
message-oriented communication device	I/O Drivers 12-4
paper tape	I/O Drivers 17-1
PCL	I/O Drivers 13-2
table of bits returned	I/O Drivers 1-22 to 1-23
TU58	I/O Drivers 7-1 to 7-2
UDC11	I/O Drivers 15-3
virtual terminal	I/O Drivers 4-1
GMCRC\$	Executive 5-84
GMCX\$	Executive 5-86
\$GNCAL macro	RMS-11 Macros C-2
Go command	ODT 2-9, 3-2
GOLD	
alternate function	EDT Editor 5-5
description	EDT Editor 2-5, 5-7
example	EDT Editor 5-7
instead of control key	EDT Editor 5-53
repeat function	EDT Editor 5-7
GOLD integer function	EDT Editor 5-7
GOLD/A function	EDT Editor 9-8
GOLD/D function	EDT Editor 9-8
GOLD/E function	EDT Editor 9-8
GOLD/T function	EDT Editor 9-8
.GOSUB directive	MCR Operations 4-37
example	MCR Operations 4-37
format	MCR Operations 4-37
GOTO command	Batch and Queue 3-8
See also ON and IF commands	
example	Batch and Queue 3-9
format	
label	Batch and Queue 3-9
.GOTO directive	MCR Operations 4-37
example	MCR Operations 4-38
format	MCR Operations 4-38
GPRT\$	Executive 5-89
Graphic display driver	
device-specific QIO	I/O Drivers 20-2
standard QIO	I/O Drivers 20-2
status return	I/O Drivers 20-3
GREG\$	Executive 5-91
/GRO keyword	
HELP command	MCR Operations 3-67
Group	
global event flag	MCR Operations 3-57
creating	MCR Operations 3-57
displaying	MCR Operations 3-57
eliminating	MCR Operations 3-57
group	MCR Operations 2-3
user	MCR Operations 2-3
Group Global Event Flag Control	
Block	
See GFB	
Group global event flag	3-18
	Command Language 6-91 to 6-92,
	9-32, 9-38
	Executive 5-60
command	MCR Operations 3-57

MASTER INDEX

Group global event flag (Cont.)

- dump
- reading
- Group Number Identification
 - definition
- GSA\$ macro
 - example

\$GSPKT routine

GSSW\$\$

GT condition test argument

\$GTBYT routine

\$GTCOR (Get core)

.GTDID

.GTDIR

GTIM\$

\$GTPKT routine

usage in driver code

GTPKT\$ macro call

arguments

GTSK\$

\$GTWRK routine

H

H register

Handler

device

See Device driver

Hang

Hard error

definition

Hard error limit switch

Hard location

See XB\$HRD mask in AOP field

Hard receive error

detection

Hardcopy terminal

SET TERMINAL

SHOW TERMINAL

Hardware

boot block

writing on system device

failure

recovering

fault

form feed option

horizontal tab option

program development

Hardware bootstrap

definition

Hardware configuration

relationship to structures at

block level

Hardware feature mask definitions

/HD switch

DMP utility

VFY utility

/HDR

/HDR3 keyword

MOUNT command

HDRDF\$

Crash Dump Analyzer 1-6, 3-2,
Executive 5-127

System Management B-1

RMS-11 Macros 2-18

RMS-11 Macros 7-3, 7-7, 7-11,
7-15

Writing I/O Driver 1-13 to 1-14,
7-21 to 7-22

Executive 5-93

PDP-11 MACRO-11 6-51

Writing I/O Driver 7-20

System Library 8-11

I/O Operations 3-15, 4-17

I/O Operations 3-15, 4-16

Executive 5-95

Writing I/O Driver 1-5, 1-13,
1-16, 7-21 to 7-22

Writing I/O Driver 3-5

Writing I/O Driver 4-7

Executive 5-97

Writing I/O Driver 7-23

ODT 2-6, 5-3

Introduction Gloss-16

Error Logging 1-3

Error Logging 2-3, 2-7

I/O Drivers 2-36

EDT Editor 9-12

EDT Editor 9-17

Introduction Gloss-16

MCR Operations 3-162

System Management 15-30

System Management 15-28

MCR Operations 3-183

System Management 10-50

MCR Operations 3-184

System Management 10-50

Program Development 1-12

System Generation 1-11

Writing I/O Driver 2-1

Crash Dump Analyzer C-27

Task Builder 10-20

Utilities 11-5

Utilities 9-5

Crash Dump Analyzer 2-2

MCR Operations 3-123

Crash Dump Analyzer C-25

Writing I/O Driver A-25 to A-26

MASTER INDEX

/HE switch	System Management 15-6
CON	Task Builder 2-8
Header	Task Builder 10-20
excluding task	Introduction 3-6, 4-8, Gloss-13
file	
index	MCR Operations 3-82
allocating	Task Builder 7-11
I- and D-space task	Task Builder B-10
in task image	
task	System Management 6-10
display in RMD	System Management 6-11
altering from MCR	
external	MCR Operations 3-100
specifying	System Management 10-25
	Task Builder B-11
fixed part	Task Builder B-12
variable part	Task Builder B-13
vector extension area	PDP-11 MACRO-11 6-4
Header, page	
/HEADERS qualifier	Utilities 7-16
BRU utility	Writing I/O Driver 6-7, 6-9
\$HEADR	
pointer to first word of task	Writing I/O Driver 6-8
header	Introduction 1-5, Gloss-20
HELLO command	MCR Operations 3-59
	MCR Operations 3-61
command line format	MCR Operations 3-64
error message	MCR Operations 3-63
example	MCR Operations 3-61
time limit	
HELP	EDT Editor 1-3, 7-9
as line editing command	EDT Editor 2-5, 5-7
function key	EDT Editor 1-4, 2-5, 5-7
keypad editing	RMS-11 Utilities 6-4
RMSBCK utility	RMS-11 Utilities 4-5
RMSCNV utility	RMS-11 Utilities A-5
RMSDEF utility	RMS-11 Utilities 2-2, 2-11
RMSDES utility	RMS-11 Utilities 5-3
RMSDSP utility	RMS-11 Utilities 3-3
RMSIFL utility	RMS-11 Utilities 7-3
RMSRST utility	EDT Editor 1-3
sample description	EDT Editor 1-3 to 1-4
use of facility	EDT Editor 1-4, 7-9
use of subtopic	EDT Editor 2-5
used for keypad key description	Introduction 1-12, Gloss-16
HELP command	Command Language 1-5 to 1-6, 3-22
	to 3-28, 9-17
command line format	MCR Operations 3-67
CON	MCR Operations 3-67
command line format	System Management 15-14
example	System Management 15-14
EDT editor	System Management 15-14
error message	Introduction 2-6
example of help file	MCR Operations 3-71
format	MCR Operations 3-70
IOX	Command Language 3-28
keyword	System Management 4-39
/CLI	
/DCL	MCR Operations 3-67
/FIL	MCR Operations 3-67
/GRO	MCR Operations 3-67
/LOC	MCR Operations 3-67
/MCR	MCR Operations 3-68
/OUT	MCR Operations 3-68
/xxx	MCR Operations 3-68

MASTER INDEX

HELP command (Cont.)
 writing
 Help file
 calling other files
 change in placement of
 contents
 displaying
 default
 example
 format

 level number
 qualifier
 synonymous
 writing
 Help paragraph
 SYSGEN
 /HF switch
 DMP utility
 /HFILL keyword
 SET command
 VMR
 /HHT keyword
 SET command
 VMR
 /HIGH keyword
 /LOAD command
 High-key value
 buckets
 High-level language

 access streams
 and file design
 and ODL files
 and remote access
 and shared access
 asynchronous operations
 bucket fill size
 bucket size
 defaults
 DEQ

 file and directory operations

 file operations
 initial allocation

 key characteristics
 keys
 locate mode
 MRN
 overlay program in
 placement control
 populating files
 restrictions

 High-speed device
 /HL switch
 HLP macro
 MML
 /HO job switch
 SUB command
 /HO switch
 PRI command
 HOLD command
 format

 Command Language 3-28
 System Generation 4-5
 MCR Operations 3-69
 Release Notes 1-29

 MCR Operations 3-67
 MCR Operations 3-67
 MCR Operations 3-70
 Command Language 3-26 to 3-27
 MCR Operations 3-68
 MCR Operations 3-68

 MCR Operations 3-69
 Command Language 3-26 to 3-27

 System Generation 3-3

 Utilities 11-6

 MCR Operations 3-184
 System Management 10-50

 MCR Operations 3-184
 System Management 10-50

 MCR Operations 3-109

 RMS-11 User's Guide 5-5 to 5-6
 Introduction 4-13, Gloss-16
 RMS-11 Introduction 4-7, 5-1
 RMS-11 User's Guide 1-15
 RMS-11 User's Guide 1-19
 RMS-11 User's Guide 8-5
 RMS-11 User's Guide B-1
 RMS-11 User's Guide 2-7
 RMS-11 User's Guide 3-14, 4-14
 RMS-11 User's Guide 6-29
 RMS-11 User's Guide 4-3, 6-21
 RMS-11 User's Guide 2-2
 RMS-11 User's Guide 3-5, 4-4,
 6-26
 RMS-11 User's Guide 3-15, 4-15,
 7-10
 RMS-11 User's Guide 8-10
 RMS-11 User's Guide 3-4, 4-4,
 6-26
 RMS-11 User's Guide 6-8
 RMS-11 User's Guide 6-7
 RMS-11 User's Guide 3-14, 4-13
 RMS-11 User's Guide 4-5
 Task Builder 3-40 to 3-41
 RMS-11 User's Guide 6-14
 RMS-11 User's Guide 6-26
 RMS-11 User's Guide 1-13, 1-15,
 2-1
 Writing I/O Driver 1-16
 Error Logging 2-3, 2-7

 System Management 12-31

 Batch and Queue 3-16

 Batch and Queue 2-4

MASTER INDEX

HOLD command	
format (Cont.)	
entry number	Batch and Queue 2-22
job name	Batch and Queue 2-22
/HOLD keyword	
BYE command	MCR Operations 3-31
SET command	MCR Operations 3-185
/HOLD qualifier	
PRINT command	Batch and Queue 2-4
SUBMIT command	Batch and Queue 3-16
Hold-screen mode option	MCR Operations 3-185
HOLD/ENTRY command	Command Language 9-17
HOLD/JOB command	Command Language 9-18
HOLD SCREEN	
VT52	Introduction 1-16
Home block	I/O Operations E-2
format	I/O Operations E-3
volume	Command Language 5-11, 5-47 to 5-59, 9-18, 9-20
HOME command	MCR Operations 3-73
command line format	MCR Operations 3-73
error message	MCR Operations 3-77
example	MCR Operations 3-76
keyword	
/DENS	MCR Operations 3-73
displaying	MCR Operations 3-76
/EXT	MCR Operations 3-74
/FPRO	MCR Operations 3-74
/LRU	MCR Operations 3-74
/MXF	MCR Operations 3-75
/NAME	MCR Operations 3-75
/OVR	MCR Operations 3-75
/OWNER	MCR Operations 3-75
/PRO	MCR Operations 3-75
/UIC	MCR Operations 3-76
/VI	MCR Operations 3-76
/WIN	MCR Operations 3-76
HOME utility	Command Language 5-57 to 5-59, 9-20
Host system	Task Builder C-1
building a task for another system	Task Builder C-1
definition	System Generation 1-11
on line	System Generation 2-6
stand alone	System Generation 2-5
transferring from task	Task Builder C-1
HRC	System Management 15-2
error message	System Management 15-38
task-build time	
displaying	System Management 15-15
version number	
displaying	System Management 15-15
HWDDF\$	Crash Dump Analyzer C-27
/HX switch	Writing I/O Driver A-27 to A-30
DMP utility	
Hyphen (-)	Utilities 11-6
See also ODL operator	Command Language 3-16
I	
I command	EDT Editor 8-12
I error	ODT 2-9
	PDP-11 MACRO-11 6-26, 6-28 to 6-29
summary	PDP-11 MACRO-11 D-3
I register	ODT 2-7, 5-4

MASTER INDEX

- I symbolic argument
- I- and D-space
 - specifying task
 - See Task
- I-space
 - accessing single word of mapping
- I.xxx offsets
 - in I/O packet
- I/O
 - and performance
 - and record operations
 - cancel in-progress
 - canceling request
 - completion
 - function code
 - summary
 - high-speed device
 - issuing request
 - logical
 - overview
 - packet
 - maximum number specifying
 - page
 - overmapping
 - relative address
 - accessing
 - paging operations
 - physical
 - processing requirements
 - queue optimization
 - specifying
 - valid device
 - request
 - redirecting
 - slow-speed device
 - status block
 - status code
 - summary
 - status condition
 - table
 - virtual
 - window turning
- I/O buffer
 - application design
 - remote access
 - indexed files
 - relative files
 - sequential files
- I/O buffer pool
- I/O count
- I/O counts
 - display in RMD
- I/O data base structure
 - composite arrangement
 - typical arrangements
- I/O data structure
 - change to
 - details
 - overview
 - typical arrangements
- I/O device
 - See Device
- PDP-11 MACRO-11 6-41
- Task Builder 10-21
- Executive 3-1 to 3-2
- Executive 5-110
- Executive 3-3 to 3-4
- Writing I/O Driver 4-11 to 4-14
- RMS-11 Introduction 2-1
- RMS-11 User's Guide 2-3
- RMS-11 User's Guide 5-17
- Writing I/O Driver 2-5
- I/O Drivers 1-27
- I/O Drivers 1-32
- I/O Drivers B-1
- Writing I/O Driver 1-14
- I/O Drivers 1-16
- I/O Drivers 1-2
- Writing I/O Driver 3-4
- MCR Operations 3-191
- MCR Operations 3-97, 3-156
- MCR Operations 3-139
- RMS-11 User's Guide 8-10
- I/O Drivers 1-2
- Writing I/O Driver 1-15
- MCR Operations 3-193
- MCR Operations 3-193
- MCR Operations 3-147
- Writing I/O Driver 1-14
- I/O Drivers 1-11, 1-35
- I/O Drivers 1-33
- I/O Drivers B-1
- I/O Drivers 1-36 to 1-38
- I/O Drivers 1-2
- RMS-11 User's Guide 8-11
- RMS-11 Introduction 4-2
- RMS-11 User's Guide 1-14
- RMS-11 User's Guide 2-5
- RMS-11 User's Guide B-3
- RMS-11 User's Guide B-3
- RMS-11 User's Guide B-3
- RMS-11 User's Guide B-3
- RMS-11 User's Guide B-3
- RMS-11 Macros 2-6
- Writing I/O Driver 1-12
- System Management 6-12
- Writing I/O Driver 2-11
- Writing I/O Driver 2-7 to 2-8, 2-10
- Release Notes 1-32
- Writing I/O Driver 4-10
- Writing I/O Driver 2-1 to 2-3
- Writing I/O Driver 2-6

MASTER INDEX

I/O Drivers Reference Manual
 documentation correction
 I/O error code
 I/O error report
 IOX
 I/O exercise
 steps
 termination
 I/O facilities
 new RMS feature
 I/O finish
 See \$IOFIN routine
 I/O function
 definition of types
 mask values
 mask word bit settings
 I/O function code

 I/O function code

 I/O function mask
 establishing
 I/O initiation
 entry point
 sample use of alternative
 overview
 I/O operations
 event flag use
 I/O Operations Reference Manual
 documentation correction
 I/O packet

 building
 composite arrangement
 creation of
 current address
 fields
 handling before it is queued

 layout
 I/O page
 overmapping
 specifying
 I/O queue
 listhead
 I/O Queue Optimization
 Cylinder Scan

 Elevator

 Fairnesscount
 initiating
 messages
 Nearest Cylinder

 optimization types
 specifying
 valid device
 I/O related directive
 summary
 I/O request

 completing process for an
 flow of
 issuing I/O for an
 redirecting

Release Notes 1-64
 I/O Operations I-1 to I-12

 System Management 4-21

 System Management 4-2
 System Management 4-23

 Release Notes 2-7

 Writing I/O Driver 3-3
 Writing I/O Driver 4-23
 Writing I/O Driver 4-24 to 4-26
 I/O Operations I-2, I-5, I-9,
 I-12
 I/O Operations I-1, I-3 to I-4,
 I-6 to I-8, I-10 to I-11

 Writing I/O Driver 4-22

 Writing I/O Driver 4-63 to 4-64
 Writing I/O Driver 8-12 to 8-26
 Writing I/O Driver 2-5

 I/O Operations 2-42

 Release Notes 1-56
 Writing I/O Driver 1-4, 8-16,
 8-25
 Writing I/O Driver 4-11
 Writing I/O Driver 2-13 to 2-14
 Writing I/O Driver 3-2
 Writing I/O Driver 4-40
 Writing I/O Driver 4-11 to 4-14
 Writing I/O Driver 8-12 to 8-15,
 8-17 to 8-24, 8-26
 Writing I/O Driver 4-11
 Writing I/O Driver 1-3
 System Management 10-22
 Task Builder 10-22

 Writing I/O Driver 4-39
 System Management 16-1
 System Management 16-1, 16-4
 Writing I/O Driver 1-15
 System Management 16-1, 16-4
 Writing I/O Driver 1-15
 System Management 16-2
 System Management 16-1
 System Management 16-4
 System Management 16-1, 16-3
 Writing I/O Driver 1-15
 System Management 16-3
 System Management 10-53
 System Management 10-53

 I/O Operations C-2 to C-3
 Writing I/O Driver 1-4 to 1-5,
 1-15
 Writing I/O Driver 3-4
 Writing I/O Driver 3-1 to 3-4
 Writing I/O Driver 3-4
 System Management 10-33

MASTER INDEX

I/O status block	I/O Operations 2-43
K-series	I/O Drivers 22-32
LPAll-K	I/O Drivers 21-30 to 21-32
parameter to FDBK\$A	I/O Operations 2-12
READ\$ operations	I/O Operations 2-43
second word	I/O Operations 2-43
status codes	I/O Operations 2-44
I/O technique	RMS-11 User's Guide 2-17
asynchronous operations	RMS-11 User's Guide 2-17
deferred write	RMS-11 User's Guide 2-17
indexed files	RMS-11 User's Guide 7-8
asynchronous operations	RMS-11 User's Guide 7-8
deferred write	RMS-11 User's Guide 7-8
multiple access streams	RMS-11 User's Guide 7-10
multiple buffers	RMS-11 User's Guide 7-9
sequential reads	RMS-11 User's Guide 7-10
mass insertion	RMS-11 User's Guide 2-18
MBC	RMS-11 User's Guide 2-17
multiple access streams	RMS-11 User's Guide 2-17
multiple buffers	RMS-11 User's Guide 2-18
relative files	RMS-11 User's Guide 4-14
asynchronous operations	RMS-11 User's Guide 4-14
deferred write	RMS-11 User's Guide 4-14
multiple access streams	RMS-11 User's Guide 4-15
multiple buffers	RMS-11 User's Guide 4-15
sequential files	RMS-11 User's Guide 3-14
asynchronous operations	RMS-11 User's Guide 3-14
deferred write	RMS-11 User's Guide 3-14
MBC	RMS-11 User's Guide 3-15
multiple access streams	RMS-11 User's Guide 3-15
multiple buffers	RMS-11 User's Guide 3-14
I/O unit	RMS-11 User's Guide 1-14
blocks	RMS-11 User's Guide 1-16
buckets	RMS-11 User's Guide 1-16
I/O-related directive	
summary	I/O Operations C-1
IAN field in KEY block	RMS-11 Macros 5-19
CREATE operation	RMS-11 Macros 5-31
DISPLAY operation	RMS-11 Macros 6-67
offset	RMS-11 Macros 5-80
OPEN operation	RMS-11 Macros 6-79
summary	
IAS	
linking	ODT 8-2
debugger	ODT 1-3
ODT	EDT Editor 2-3
IAS system prompts and CLI	MCR Operations 4-9
<IAS> symbol	
IBM magtape	
reading	I/O Operations G-18 to G-19
IBS field in KEY block	
DISPLAY operation	RMS-11 Macros 5-31
offset	RMS-11 Macros 6-68
OPEN operation	RMS-11 Macros 5-80
summary	RMS-11 Macros 6-80
ICB	Writing I/O Driver 1-2, 1-6, 1-12, 1-18, 2-4
number of controllers allowed	Writing I/O Driver 1-7
pool size	
SYSGEN question	System Generation 3-24
.ICF module	Error Logging 4-1
ICS/ICR	I/O Drivers 18-1
address assignment	I/O Drivers 18-2
configuration	I/O Drivers 18-7
device-specific QIO	I/O Drivers 18-8 to 18-12
direct access	I/O Drivers 18-75 to 18-80
error recovery	I/O Drivers 18-71

MASTER INDEX

ICS/ICR (Cont.)	I/O Drivers 18-35 to 18-70
FORTRAN interface	I/O Drivers 18-3
list of supported module	I/O Drivers 18-8 to 18-12
standard QIO	Task Builder 10-21
/ID switch	Utilities 11-6
DMP utility	Utilities 4-7
FLX utility	Utilities 3-23
PIP utility	RMS-11 Utilities 6-4 to 6-5
RMSBCK utility	RMS-11 Utilities 4-5, 4-9
RMSCNV utility	RMS-11 Utilities A-5
RMSDEF utility	RMS-11 Utilities 5-3, 5-5
RMSDSP utility	RMS-11 Utilities 3-3, 3-5
RMSIFL utility	RMS-11 Utilities 7-3, 7-5
RMSRST utility	RMS-11 Macros 2-5
IDB pool	
IDENT command	
CON	System Management 15-15
command line format	System Management 15-15
example	System Management 15-15
.IDENT directive	PDP-11 MACRO-11 6-16 to 6-17
	Program Development 2-5
IDN condition test argument	PDP-11 MACRO-11 6-52
IDX argument to ORG\$ macro	RMS-11 Macros 2-3
IF command	
See also STOP, CONTINUE, GOTO	
commands	
example	Batch and Queue 3-12
format	Batch and Queue 3-11
.IF directive	PDP-11 MACRO-11 6-51 to 6-55
	MCR Operations 4-38
condition test argument	PDP-11 MACRO-11 6-51 to 6-52
example	MCR Operations 4-39
format	MCR Operations 4-38
IF-THEN-ELSE statement	Error Logging 5-34
IFAB pool	RMS-11 Macros 2-5
.IFACT directive	MCR Operations 4-39
example	MCR Operations 4-39
format	MCR Operations 4-39
.IFDF directive	MCR Operations 4-39
example	MCR Operations 4-40
format	MCR Operations 4-40
.IFDISABLED directive	MCR Operations 4-40
format	MCR Operations 4-40
.IFENABLED directive	MCR Operations 4-40
format	MCR Operations 4-40
.IFF directive	PDP-11 MACRO-11 6-53 to 6-55
	MCR Operations 4-41
example	MCR Operations 4-41
format	MCR Operations 4-41
IFI field in FAB	
CLOSE operation	RMS-11 Macros 5-3 to 5-4
CONNECT operation	RMS-11 Macros 5-6
CREATE operation	RMS-11 Macros 5-20
DISPLAY operation	RMS-11 Macros 5-30
EXTEND operation	RMS-11 Macros 5-46
offset	RMS-11 Macros 6-22
OPEN operation	RMS-11 Macros 5-77
summary	RMS-11 Macros 6-52
\$IFIL	
predefined syntax element in	System Management 12-41
MML	
\$IFILE	
predefined syntax element in	System Management 12-41
MML	MCR Operations 4-40
.IFINS directive	MCR Operations 4-40
example	MCR Operations 4-40
format	

MASTER INDEX

IFL field in KEY block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 summary
 IFLA.TMP (RMSIFL)
 allocating space
 IFLA1.TMP (RMSIFL)
 allocating space
 .IFLOA directive
 example
 format
 IFLP.TMP (RMSIFL)
 allocating space
 .IFNACT directive
 example
 format
 .IFNDF directive
 example
 format
 .IFNINS directive
 example
 format
 .IFNLOA directive
 example
 format
 IFORM
 .IFT directive
 example
 format
 .IFTF directive
 IHAR\$\$
 .IIF directive
 Illegal character
 /IM switch
 FLX utility
 RMSCNV utility
 VMR
 Image
 disk
 memory
 /IMAGE qualifier
 BRU utility
 Immediate address mode
 Immediate conditional assembly
 Immediate expression indicator
 Implicit .WORD directive
 Implicit prompt

 Implied TYPE (Null)
 line editing
 nokeypad editing
 /IN switch
 LBR utility
 .INC directive
 example
 format
 /INC keyword
 INSTALL command
 VMR
 RUN command
 INCLUDE command
 .INCLUDE directive
 Increasing FSR size
 FORTRAN programs

 RMS-11 Macros 5-20
 RMS-11 Macros 5-31
 RMS-11 Macros 6-67
 RMS-11 Macros 5-80
 RMS-11 Macros 6-81
 RMS-11 Utilities 3-11
 RMS-11 Utilities 3-13
 RMS-11 Utilities 3-12
 RMS-11 Utilities 3-14
 MCR Operations 4-41
 MCR Operations 4-41
 MCR Operations 4-41
 RMS-11 Utilities 3-10
 RMS-11 Utilities 3-13
 MCR Operations 4-39
 MCR Operations 4-39
 MCR Operations 4-39
 MCR Operations 4-39
 MCR Operations 4-40
 MCR Operations 4-40
 MCR Operations 4-40
 MCR Operations 4-40
 MCR Operations 4-40
 MCR Operations 4-41
 MCR Operations 4-41
 MCR Operations 4-41
 System Management 12-20 to 12-25
 PDP-11 MACRO-11 6-53 to 6-55
 MCR Operations 4-41
 MCR Operations 4-41
 MCR Operations 4-41
 PDP-11 MACRO-11 6-53 to 6-54
 Executive 5-53
 PDP-11 MACRO-11 6-56
 PDP-11 MACRO-11 3-3

 Utilities 4-5
 RMS-11 Utilities 4-9
 System Management 10-4, 10-41

 Task Builder 2-8 to 2-9
 Task Builder 2-8 to 2-9

 Utilities 7-17
 PDP-11 MACRO-11 5-6 to 5-7
 PDP-11 MACRO-11 6-56
 PDP-11 MACRO-11 3-2
 PDP-11 MACRO-11 2-1, 2-4, 6-25
 Introduction 1-6, 2-15, Gloss-16
 to Gloss-17, Gloss-25

 EDT Editor 7-12
 EDT Editor 8-13

 Utilities 10-19
 MCR Operations 4-42
 MCR Operations 4-42
 MCR Operations 4-42

 MCR Operations 3-97
 System Management 10-22
 MCR Operations 3-155
 EDT Editor 2-34, 7-10
 PDP-11 MACRO-11 6-58

 I/O Operations 2-41

MASTER INDEX

Increasing FSR size (Cont.)

MACRO-11 programs

INCREMENT statement

Incremental reorganization

Indefinite repeat block

Index

See also KEY block

alternate

bucket size calculation

level 0

SIDRS

area bucket size

See IBS field in KEY block

area number (higher levels)

See IAN field in KEY block

area number (lowest level)

See LAN field in KEY block

count

See NOK field in SUM block

data bucket size

See DBS field in KEY block

data bucket VBN

See DVB field in KEY block

depth

description, obtaining

See DISPLAY operation

level count

See LVL field in KEY block

levels

data

primary

bucket size calculation

level 0

reference number

See REF field in KEY block

root

root bucket VBN

See RVB field in KEY block

Index address mode

Index bucket

Index deferred address mode

Index file

accessing

bit map

format

header

allocating

LBN

specifying

listing contents

VFY utility

multiheader

Index record

INDEX AREA

RMSDES utility

INDEX FILL

RMSDES utility

Indexed file organization

See also Index

See also FB\$IDX code

access declarations

allocation

DEQ

initial, calculation

I/O Operations 2-40

Error Logging 5-31

RMS-11 User's Guide 5-12

PDP-11 MACRO-11 7-3, 7-16 to 7-19

RMS-11 Introduction 3-7

RMS-11 User's Guide 6-19

RMS-11 User's Guide 5-5

RMS-11 User's Guide 5-5

RMS-11 User's Guide 5-5

RMS-11 User's Guide 5-4, 5-6

RMS-11 User's Guide 5-5

RMS-11 User's Guide 6-16

RMS-11 User's Guide 5-5

RMS-11 User's Guide 5-5

PDP-11 MACRO-11 5-5

RMS-11 User's Guide 5-6

PDP-11 MACRO-11 5-6

I/O Operations 5-2, E-1

MCR Operations 3-128

I/O Operations E-2

I/O Operations E-1

I/O Operations E-2

MCR Operations 3-82

MCR Operations 3-82

Utilities 9-6

MCR Operations 3-83

RMS-11 Introduction 3-7

RMS-11 User's Guide 5-2, 5-6

RMS-11 Utilities 2-41

RMS-11 Utilities 2-41

RMS-11 Introduction 3-6

RMS-11 User's Guide 1-5

RMS-11 User's Guide 7-1

RMS-11 User's Guide 6-22

RMS-11 User's Guide 6-26

RMS-11 User's Guide 6-22

MASTER INDEX

Indexed file organization (Cont.)

alternate keys	RMS-11 Introduction 3-7
	RMS-11 User's Guide 1-11
and remote access	RMS-11 User's Guide B-3
areas	RMS-11 User's Guide 5-2, 6-10
multiarea files	RMS-11 User's Guide 6-12
single-area files	RMS-11 User's Guide 6-11
asynchronous operations	RMS-11 User's Guide 7-8
bucket fill size	RMS-11 User's Guide 6-28
bucket format	RMS-11 User's Guide 5-2
bucket size	RMS-11 User's Guide 6-15
calculation, alternate indexes	RMS-11 User's Guide 6-19
calculation, primary index	RMS-11 User's Guide 6-16
prologue	RMS-11 User's Guide 5-2
bucket splitting	RMS-11 User's Guide 5-11
changeable keys	RMS-11 Introduction 3-10
compressing deleted records	RMS-11 User's Guide 5-10, 5-16, 6-7, 6-9
CONNECT operation	RMS-11 User's Guide 7-2
contiguity	RMS-11 User's Guide 6-13
data level	RMS-11 User's Guide 5-5
data records	RMS-11 Introduction 3-7
	RMS-11 User's Guide 5-2
declaring with ORG\$ macro	RMS-11 Macros 2-3
deferred write	RMS-11 User's Guide 6-27, 7-8
DELETE operation	RMS-11 User's Guide 5-15, 6-7, 7-3, 7-9
duplicate keys	RMS-11 User's Guide 6-9
depth	RMS-11 User's Guide 5-5
design	RMS-11 User's Guide 5-1, 6-1
allocation	RMS-11 User's Guide 6-22
areas	RMS-11 User's Guide 6-10
bucket size	RMS-11 User's Guide 6-15
keys	RMS-11 User's Guide 6-2
placement control	RMS-11 User's Guide 6-13
populating files	RMS-11 User's Guide 6-26
record format	RMS-11 User's Guide 6-1
record size	RMS-11 User's Guide 6-1
directory operations	RMS-11 User's Guide 7-10
DISCONNECT operation	RMS-11 User's Guide 7-3
duplicate keys	RMS-11 Introduction 3-10
file operations	RMS-11 User's Guide 7-10
FIND operation	RMS-11 User's Guide 7-3, 7-9
random by key	RMS-11 User's Guide 5-13
sequential access	RMS-11 User's Guide 5-17
FLUSH operation	RMS-11 User's Guide 7-5
GET operation	RMS-11 User's Guide 7-5, 7-7 to 7-9
random by key	RMS-11 User's Guide 5-13
sequential access	RMS-11 User's Guide 5-17
I/O techniques	RMS-11 User's Guide 7-8
incremental reorganization	RMS-11 User's Guide 5-12
index	RMS-11 Introduction 3-7
index buckets	RMS-11 User's Guide 5-6
index levels	RMS-11 User's Guide 5-4, 5-6
index records	RMS-11 Introduction 3-7
	RMS-11 User's Guide 5-2, 5-6
keys	RMS-11 Introduction 3-6
	RMS-11 User's Guide 1-5, 6-2
changeable	RMS-11 User's Guide 6-9
characteristics	RMS-11 User's Guide 6-8
data type	RMS-11 Introduction 3-7
	RMS-11 User's Guide 6-3
duplicates	RMS-11 User's Guide 6-8
null	RMS-11 User's Guide 6-10
number of	RMS-11 User's Guide 6-2

MASTER INDEX

Indexed file organization

keys (Cont.)	
position	RMS-11 User's Guide 6-7
size	RMS-11 User's Guide 6-6
level 0	
alternate indexes	RMS-11 User's Guide 5-5
primary indexes	RMS-11 User's Guide 5-5
locate mode	RMS-11 User's Guide 7-7
mass insertion	RMS-11 User's Guide 6-28 to 6-29
move mode	RMS-11 User's Guide 7-7
multiple access streams	RMS-11 User's Guide 7-10
multiple buffers	RMS-11 User's Guide 7-9
null keys	RMS-11 Introduction 3-10
placement control	RMS-11 User's Guide 6-13
populating files	RMS-11 User's Guide 6-26
primary key order	RMS-11 User's Guide 6-27
random insertions	RMS-11 User's Guide 6-28
primary key	RMS-11 Introduction 3-7
prologue	RMS-11 User's Guide 1-11
PUT operation	RMS-11 User's Guide 5-2
	RMS-11 User's Guide 6-7, 7-5, 7-7, 7-9
duplicate keys	RMS-11 User's Guide 6-9
mass insertion	RMS-11 User's Guide 7-9
random by key	RMS-11 User's Guide 5-10
random access	RMS-11 User's Guide 5-7, 6-12
record operations	RMS-11 User's Guide 7-2
random access	RMS-11 User's Guide 5-9
sequential access	RMS-11 User's Guide 5-16
record transfer modes	RMS-11 User's Guide 7-6
locate mode	RMS-11 User's Guide 7-7
move mode	RMS-11 User's Guide 7-7
REWIND operation	RMS-11 User's Guide 7-6
root	RMS-11 User's Guide 1-7, 5-5
search times	RMS-11 User's Guide 5-8
segmented keys	RMS-11 Introduction 3-10
sequential reads	RMS-11 User's Guide 7-10
shared access	RMS-11 User's Guide 7-1
block access	RMS-11 User's Guide 7-1
record access	RMS-11 User's Guide 7-1
sharing declarations	RMS-11 User's Guide 7-1
stream operations	RMS-11 User's Guide 7-2
structure	
conceptual	RMS-11 User's Guide 5-4
physical	RMS-11 User's Guide 5-2
tree structure	RMS-11 Introduction 3-7
UPDATE operation	RMS-11 User's Guide 5-14, 7-6 to 7-9
changeable keys	RMS-11 User's Guide 6-10
duplicate keys	RMS-11 User's Guide 6-9
INDEXF.SYS file	Command Language 5-11, 5-65 to 5-66
Indicator	
See Register indicator	
Indirect	
command line	MCR Operations 4-2
interpreting	
directive	
parameter	MCR Operations 4-1
changing	MCR Operations 4-4
summary of	MCR Operations 4-57
error message	MCR Operations 4-10, 4-43
error-processing	MCR Operations 4-56
example	MCR Operations 4-51
exit status	MCR Operations 4-2
function	
invoking	

MASTER INDEX

Indirect	
invoking (Cont.)	
interactively	
example of	MCR Operations 4-56
operating mode	
disabling	MCR Operations 4-31
enabling	MCR Operations 4-32
initial setting	MCR Operations 4-32
list	MCR Operations 4-32
testing	MCR Operations 4-40
special symbol	MCR Operations 4-8
format	MCR Operations 4-8
logical	MCR Operations 4-8
numeric	MCR Operations 4-10
string	MCR Operations 4-12
type	MCR Operations 4-8
switch	MCR Operations 4-19
Indirect command file	I/O Operations 6-3, 6-11 to 6-12
	Introduction 6-3
	Task Builder 1-5, 3-30
	Utilities 1-9
acquiring information	MCR Operations 4-52, 4-54
BAD utility	Utilities 6-2
block-structured	MCR Operations 4-3
CLI	MCR Operations 4-2
default file type for	MCR Operations 4-2
initiating	MCR Operations 4-2
nested	MCR Operations 4-2
comment in	MCR Operations 4-3
CON	System Management 15-4
default name for	MCR Operations 4-4
definition	Batch and Queue Gloss-5
deleting	MCR Operations 4-19
displaying trace of	MCR Operations 4-19
example	Batch and Queue 3-13
exiting from	MCR Operations 4-51
FMT utility	Utilities 5-9
format	Batch and Queue 3-13
IOX	System Management 4-6
maximum nesting depth	I/O Operations 6-3 to 6-4
parameter	
processing	MCR Operations 4-17
passing commands in	
to CLI	MCR Operations 4-19
processing	
interrupting	MCR Operations 4-46
suspending	MCR Operations 4-55
terminating	MCR Operations 4-36, 4-51
RMSBCK utility	RMS-11 Utilities 6-2
RMSCNV utility	RMS-11 Utilities 4-4
RMSDEF utility	RMS-11 Utilities A-1 to A-2, A-5
	to A-6, A-19
RMSDES utility	RMS-11 Utilities 2-3
comments	RMS-11 Utilities 2-4
RMSDSP utility	RMS-11 Utilities 5-2
RMSIFL utility	RMS-11 Utilities 3-2
RMSRST utility	RMS-11 Utilities 7-2
searching UIC for	MCR Operations 4-4
SLP utility	Utilities 13-8
task	MCR Operations 4-1
default file type for	MCR Operations 4-1
initiating	MCR Operations 4-1
nested	MCR Operations 4-2
task name in	MCR Operations 4-4
example of	MCR Operations 4-56
VMR	System Management 10-3
with ODL	Task Builder 3-30

MASTER INDEX

Indirect command file (Cont.)
 ZAP utility
 Indirect command file operator
 (@)
 Indirect Command Processor

See also Indirect
 See also Indirect Command File
 Industrial control subsystem
 /INDX keyword
 INI command
 /INF keyword
 INI command

Infile
 RMSBCK utility
 RMSCNV utility
 RMSDSP utility
 RMSIFL utility
 RMSRST utility

Information record
 text
 Inhibit AST Recognition
 INI command
 \$INIBF routine
 \$INIDM (Initialize memory)
 \$INISI routine
 /INIT keyword
 CLI command
 Initial allocation
 indexed files
 relative files
 sequential files
 Initial argument indicator
 Initial expression indicator
 Initial register indicator
 Initialization
 field
 INITIALIZE command

/INITIALIZE qualifier
 BRU utility
 INITIALIZE/PRINTER command
 DCL
 INITIALIZE/PROCESSOR command
 DCL
 /FORMS qualifier
 INITIALIZE/QUEUE command
 DCL
 INITIALIZE/UPDATE command

INITL module
 errors from
 INITM1
 INITVOLUME command
 command line format
 error message
 example
 keyword
 /ACCESS
 /BAD
 /DENS
 displaying
 /EXT
 /FPRO

Utilities 15-6

Command Language 3-16
 Command Language 1-17
 Introduction 6-2 to 6-3, Gloss-17

I/O Drivers 18-1

MCR Operations 3-82

MCR Operations 3-82

RMS-11 Utilities 6-3
 RMS-11 Utilities 4-5
 RMS-11 Utilities 5-3
 RMS-11 Utilities 3-3
 RMS-11 Utilities 7-3

Task Builder A-11
 Executive 5-53
 MCR Operations 3-78
 Writing I/O Driver 1-14, 7-24
 System Library 7-2
 Writing I/O Driver 1-6

MCR Operations 3-37

RMS-11 User's Guide 6-22
 RMS-11 User's Guide 4-3
 RMS-11 User's Guide 3-4
 PDP-11 MACRO-11 3-2
 PDP-11 MACRO-11 3-2
 PDP-11 MACRO-11 3-2

RMS-11 Macros 2-9
 Introduction 5-12
 Command Language 5-4, 5-10, 5-12,
 5-47 to 5-56, 9-18

Utilities 7-17

System Management 7-6
 Command Language 9-19
 System Management 7-14 to 7-19
 System Management 7-17
 Command Language 9-20
 System Management 7-4, 7-11, 7-13
 Command Language 5-11, 5-57 to
 5-59, 9-20

Writing I/O Driver 6-3
 Error Logging 4-7
 MCR Operations 3-78
 MCR Operations 3-78
 MCR Operations 3-87
 MCR Operations 3-87

MCR Operations 3-79
 MCR Operations 3-79
 MCR Operations 3-81
 MCR Operations 3-86
 MCR Operations 3-81
 MCR Operations 3-82

MASTER INDEX

INITVOLUME command
keyword (Cont.)

/INDX
/INF
/LRU
/MXF
/OWNER
/PRO
/UIC
/VI
/WIN

\$INIVM (Initialize virtual
memory)

Input

data format
Task Builder
multi-line
to the Task Builder
solicited
terminating
unsolicited
processing
parallel
serial

Input file

Input file switch

RMSBCK utility
RMSIFL utility
RMSRST utility

Input/output

See I/O

Input/Output device

See Device

INS command

INSERT command

EDI editor

EDI editor

Insert Directory Entry

INSERT END command

Inserting

characters in a line
code in the source file
lines in a file
modules in a library

Inserting text

INSERT command
INSERT END command
keypad editing
line editing
nokeypad editing

INSTALL command

command line format

error message

example

keyword

/AFF
/CKP
/CLI
/INC
/IOP
/PAR
/PMD

MCR Operations 3-82

MCR Operations 3-82

MCR Operations 3-84

MCR Operations 3-84

MCR Operations 3-85

MCR Operations 3-86

MCR Operations 3-86

MCR Operations 3-86

MCR Operations 3-86

System Library 8-5

Task Builder A-1

Task Builder 1-3

MCR Operations 2-14

MCR Operations 2-15

MCR Operations 2-14

MCR Operations 3-205

MCR Operations 3-204

Introduction 4-5, Gloss-17

RMS-11 Utilities 6-8

RMS-11 Utilities 3-7

RMS-11 Utilities 7-8

MCR Operations 3-95

EDT Editor 2-21, 2-26, 2-33, 7-11

Program Development 2-18, 7-7

Utilities 2-15

Introduction 2-4, 2-9

I/O Operations 4-15

EDT Editor 2-27, 2-31

Program Development 2-17

Program Development 2-18

Program Development 2-9, 2-18

Program Development 6-9 to 6-10

EDT Editor 2-26, 2-33, 7-11

EDT Editor 2-31

EDT Editor 2-8, 5-2, 5-10

EDT Editor 2-26, 7-11

EDT Editor 2-40, 8-12

Introduction 4-10

Command Language 7-1, 7-4 to 7-8,

7-12 to 7-15, 7-26 to 7-34,

7-60, 9-20, 9-37

MCR Operations 3-95

MCR Operations 3-95

MCR Operations 3-101

MCR Operations 3-101

MCR Operations 3-96

MCR Operations 3-96

MCR Operations 3-97

MCR Operations 3-97

MCR Operations 3-97

MCR Operations 3-97

MCR Operations 3-98

MASTER INDEX

INSTALL command	
keyword (Cont.)	
/PRI	MCR Operations 3-98
/PRO	MCR Operations 3-98
/RON	MCR Operations 3-99
/ROPAR	MCR Operations 3-99
/SEC	MCR Operations 3-99
/SLV	MCR Operations 3-99
/SYNC	MCR Operations 3-100
/TASK	MCR Operations 3-100
/TIME	MCR Operations 3-100
/XHR	MCR Operations 3-100
VMR	System Management 10-20
command line format	System Management 10-20
example	System Management 10-26
keyword	
/AFF	System Management 10-21
/CKP	System Management 10-21
/CLI	System Management 10-22
/FIX	System Management 10-22
/INC	System Management 10-22
/IOP	System Management 10-22
/PAR	System Management 10-22
/PMD	System Management 10-23
/PRI	System Management 10-23
/PRO	System Management 10-23
/RON	System Management 10-24
/ROPAR	System Management 10-24
/SEC	System Management 10-24
/SLV	System Management 10-24
/SYNC	System Management 10-25
/TASK	System Management 10-25
/UIC	System Management 10-25
/XHR	System Management 10-25
Installation	Introduction 1-2, 5-3, Gloss-18
DCL	System Management 12-1
flying	System Management 12-3
RPT	Error Logging 3-1
task	Introduction 4-9 to 4-10
Installed task	Command Language 7-57 to 7-58
removing	Executive 1-12
Installing	
DCL	System Management 12-3
Instruction set	
commercial	PDP-11 MACRO-11 C-3 to C-4
floating-point	PDP-11 MACRO-11 C-4 to C-5
PDP-11	PDP-11 MACRO-11 C-1 to C-2
Instruction space	ODT 3-2, 7-2
command	Executive 5-107
access	ODT 2-9
enable	ODT 1-3
Integer	
repeat function	EDT Editor 5-7
used with GOLD function	EDT Editor 5-7
Integer key	
See XB\$IN2 mask in DTP field	
See also XB\$IN4 mask in DTP field	
2-byte signed	RMS-11 User's Guide 6-4
4-byte signed	RMS-11 User's Guide 6-4
Integer routine	
divide (\$DIV)	System Library 3-2
multiply (\$MUL)	System Library 3-1
Inter-task communication	Executive 4-1
Interactive mode	
IOX	System Management 4-18

MASTER INDEX

Interactive system	Introduction 1-1, 5-3, Gloss-18
Interactive terminal	
definition	Batch and Queue Gloss-5
Interactive utility	
RMSDEF utility	RMS-11 Utilities A-1
RMSDES utility	RMS-11 Utilities 2-1
Interface	
terminal	I/O Drivers 3-2
INTERLEAVE command	
IOX	System Management 4-40
Intermediate form	
DCL	
IFORM	
Intermodule variable	Error Logging 4-29
block number	Error Logging 4-29
cylinder error	Error Logging 4-29
device function	Error Logging 4-29
drive serial number	Error Logging 4-29
drive type	Error Logging 4-29
error type	Error Logging 4-29 to 4-30
group error	Error Logging 4-29
head error	Error Logging 4-29
MASSBUS	Error Logging 4-33
Non-MASSBUS	Error Logging 4-33
physical unit number	Error Logging 4-29
sector error	Error Logging 4-29
Intermodule variable declaration	Error Logging 4-14
Internal displaced relocation	Task Builder A-15
Internal file identifier	
See IFI field in FAB	
Internal register	ODT 5-2
Internal stream identifier	
See ISI field in RAB	
Internal symbol	Task Builder A-24
directory record	Task Builder A-5
name entry	
Interpreter	Command Language 6-2, 6-11 to 6-13
BASIC-11	
Interpreting crash dumps	Crash Dump Analyzer 4-2
interrupt save	Crash Dump Analyzer 4-1
mapping information	Crash Dump Analyzer 4-1
stack depth	Crash Dump Analyzer 4-2
Kernel stack	Crash Dump Analyzer 4-2
SST	Crash Dump Analyzer 4-2
\$STKDP	Crash Dump Analyzer 4-2
Interrupt	Writing I/O Driver 1-1
addresses	
overview	Writing I/O Driver 2-6
connect-to directive	Writing I/O Driver 1-1
definition	System Generation 1-13
dispatching	Writing I/O Driver 1-7
for common interrupt devices	Writing I/O Driver 1-12
overview	Writing I/O Driver 2-6
entry address	Writing I/O Driver 2-4
for overlapped seek	Writing I/O Driver 1-12
handling	Writing I/O Driver 1-5, 1-7 to 1-9, 1-12
processing by driver	Writing I/O Driver 3-4
protocol	Writing I/O Driver 1-6, 1-9
service routine	Writing I/O Driver 1-5 to 1-6
vector	Writing I/O Driver 1-1, 1-12
Interrupt Control Block	
See ICB	
Interrupt entry point	Writing I/O Driver 4-69 to 4-70
Interrupt level	Executive 5-18

MASTER INDEX

Interrupt save
 See \$INTSV routine
 Interrupt Service Routine
 See ISR
 Interrupt timeouts
 error logging
 Interrupt Transfer Block
 Interrupt vector
 highest address
 SYSGEN question
 Interrupt vector address
 changing
 Intersystem file transfer
 RMSCNV utility
 RMSRST utility
 /FR switch
 version number conversion
 Interval report
 IOX
 \$INTSI routine
 INTSV
 \$INTSV routine
 INTSV\$ macro call
 arguments
 INTSV\$ routine
 \$INTXT routine
 Invalid Login Transaction Block
 Invoking
 ODT
 RMSBCK utility
 RMSCNV utility
 RMSDEF utility
 RMSDES utility
 RMSDSP utility
 RMSIFL utility
 RMSRST utility
 /INVOLUME qualifier
 BRU utility
 \$IOALT routine
 driver use in I/O processing
 \$\$IOB1
 reserved PSECT name
 \$\$IOB2
 reserved PSECT name
 \$IODON routine
 driver use in I/O processing
 \$IOFIN routine
 /IOP keyword
 INSTALL command
 VMR
 RUN command
 IOSB
 validity checks
 IOSTAT
 IOX
 command
 ABORT
 BADBLOCKS
 BUFFERSIZE
 categories
 COMPAREDATA YES/NO
 CONFIGURE
 CONTROL_C YES/NO
 CTRL/C
 Error Logging 1-6
 Executive 5-18
 System Generation 3-66
 System Management 15-24
 RMS-11 Utilities 1-2, 6-1
 RMS-11 Utilities 4-1
 RMS-11 Utilities 7-1, 7-10
 RMS-11 Utilities 7-7
 RMS-11 Utilities 7-5
 System Management 4-20
 Writing I/O Driver 1-7
 Crash Dump Analyzer 4-2
 Writing I/O Driver 1-6 to 1-7
 Writing I/O Driver 4-8
 Writing I/O Driver 7-25
 Writing I/O Driver 1-6, 7-26
 System Management 17-29
 ODT 1-4, 5-1
 RMS-11 Utilities 6-2
 RMS-11 Utilities 4-3
 RMS-11 Utilities A-5
 RMS-11 Utilities 2-2
 RMS-11 Utilities 5-2
 RMS-11 Utilities 3-2
 RMS-11 Utilities 7-2
 Utilities 7-17
 Writing I/O Driver 1-13, 1-15, 7-27
 Writing I/O Driver 3-5 to 3-6
 Task Builder E-3
 Task Builder E-3
 Writing I/O Driver 1-9, 1-13, 7-27
 Writing I/O Driver 3-5 to 3-6
 Writing I/O Driver 1-13 to 1-14, 3-3, 7-28
 MCR Operations 3-97
 System Management 10-22
 MCR Operations 3-156
 Writing I/O Driver 3-2
 I/O Operations 2-44
 System Management 4-23
 System Management 4-24
 System Management 4-26
 System Management 4-3
 System Management 4-27
 System Management 4-28
 System Management 4-31
 System Management 4-30

MASTER INDEX

IOX

command (Cont.)	
DENSITY	System Management 4-32
description	System Management 4-22
descriptions	System Management 4-22
DESELECT	System Management 4-34
ERRORLIMIT	System Management 4-35
EXECUTE	System Management 4-36
EXIT	System Management 4-37
files	System Management 4-6
FILES11	System Management 4-38
HELP	System Management 4-39
in interactive mode	System Management 4-19
INTERLEAVE	System Management 4-40
LOGFILE	System Management 4-41
mode	System Management 4-18
parameter	
by device type	System Management 4-9
with FILES11	System Management 4-8
with SELECT	System Management 4-8
with VERIFY	System Management 4-9
parameter list	
for Files-11	System Management 4-8
for NFS volumes	System Management 4-8
PARAMETERLIST	System Management 4-42
PATTERN	System Management 4-46
PRINTSUMMARY	System Management 4-47
PROCEED	System Management 4-48
RANDOM	System Management 4-49
RANGE	System Management 4-50
RECORDS	System Management 4-51
REPORTERRORS YES/NO	System Management 4-52
RESTART	System Management 4-53
RETRIES	System Management 4-54
RUNTIME	System Management 4-55
SELECT	System Management 4-56
SPY	System Management 4-58
START	System Management 4-59
summary with HELP	System Management 4-39
SUMMARYTIME	System Management 4-60
syntax	System Management 4-22
TEMPORARYFILE	System Management 4-61
VERIFY	System Management 4-62
VOLUMECHECK	System Management 4-63
WAIT	System Management 4-64
WRITECHECK	System Management 4-65
considerations for	System Management 4-1
controlling with CTRL/C	System Management 4-30
data	
compare error report	System Management 4-21
pattern checking	System Management 4-27
transfer size of	System Management 4-26
DEctape exercising	System Management 4-3
defaults	
changing during task build	System Management 4-22
device	
exercising steps	System Management 4-2
status display	System Management 4-58
testing	
time of	System Management 4-55
error message	System Management 4-66
execution mode	System Management 4-18
entering	System Management 4-18
exercise parameters	
list of general	System Management 4-8
exiting from	System Management 4-37

MASTER INDEX

IOX (Cont.)	
file-structured exercising	System Management 4-3
increment	System Management 4-5
indirect command files	System Management 4-6
installation	
on RSX-11M-PLUS	System Management 4-4
interleaving with Executive	System Management 4-64
interval report output	
frequency	System Management 4-60
invoking	
on RSX-11M-PLUS	System Management 4-5
when installed	System Management 4-5
when not installed	System Management 4-5
with an increment	System Management 4-5
without an increment	System Management 4-5
nonfile-structured exercising	System Management 4-3
output type	
activity report	System Management 4-19
interval report	System Management 4-20
summary report	System Management 4-20
parameter	
command exercising magtape	System Management 4-11
default overriding with	
FILES11	System Management 4-38
default overriding with	
SELECT	System Management 4-56
default shown with	
PARAMETERLIST	System Management 4-42
device-dependent exercise	System Management 4-8
exercising Files-11 volumes	System Management 4-9
exercising NFS volume	System Management 4-14
list of general exercise	System Management 4-8
parameter command	
category	System Management 4-3
pattern	
altering test	System Management 4-46
displaying test	System Management 4-46
restarting	System Management 4-53
running steps	System Management 4-2
selecting	
devices	System Management 4-7
Files-11 volume	System Management 4-7
NFS volume	System Management 4-7, 4-62
NFS volume with VERIFY	System Management 4-7
starting	System Management 4-59
tape exercising	System Management 4-2
task termination	System Management 4-18
task-build file	
location of	System Management 4-22
termination	System Management 4-37
using PROCEED	System Management 4-48
test configuration	System Management 4-28
adding units	System Management 4-6
displaying	System Management 4-7
setting up	System Management 4-6
testing	
removing devices from	System Management 4-34
wait-for-event flag	System Management 4-64
write-check	System Management 4-65
/IP switch	Task Builder 10-22
IP11 industrial controller	
SYSGEN question	System Generation 3-54
modules	
SYSGEN question	System Generation 3-54 to 3-56

MASTER INDEX

IRAB pool
 .IRP directive
 .IRPC directive
 ISI field in RAB
 CONNECT operation
 DELETE operation
 DISCONNECT operation
 FIND operation
 FLUSH operation
 FREE operation
 GET operation
 NXTVOL operation
 offset
 PUT operation
 READ operation
 REWIND operation
 SPACE operation
 summary
 TRUNCATE operation
 UPDATE operation
 WAIT operation
 WRITE operation
 ISR
 ISTAT\$
 ITBDF\$

Item terminator

J

/JO switch
 PRI command
 Job
 deleting
 holding
 modifying
 releasing
 JOB command
 example
 format
 qualifiers
 /JOB PAGE qualifier
 PRINT command
 /JOBCOUNT job qualifier
 SET QUEUE command
 /JOBCOUNT qualifier
 PRINT command
 Jobname parameter
 DELETE command
 Jobname switch
 QUE /LI command
 Jobname= job switch
 SUB command
 Jobname= log file switch
 SUB command
 Jobname= switch
 PRI command
 Journal file
 definition
 editing
 protecting edits with
 saving
 successive recoverie
 JOURNAL qualifier
 DCL
 MCR

RMS-11 Macros 2-5
 PDP-11 MACRO-11 7-17
 PDP-11 MACRO-11 7-18
 RMS-11 Macros 4-2
 RMS-11 Macros 5-7
 RMS-11 Macros 5-25
 RMS-11 Macros 5-27
 RMS-11 Macros 5-49, 5-51, 5-54
 RMS-11 Macros 5-56
 RMS-11 Macros 5-58
 RMS-11 Macros 5-60, 5-63, 5-67
 RMS-11 Macros 5-70
 RMS-11 Macros 6-115
 RMS-11 Macros 5-91, 5-95
 RMS-11 Macros 5-98, 5-100
 RMS-11 Macros 5-114
 RMS-11 Macros 5-120
 RMS-11 Macros 6-121
 RMS-11 Macros 5-122
 RMS-11 Macros 5-124
 RMS-11 Macros 5-126
 RMS-11 Macros 5-127, 5-129
 Executive 5-18
 I/O Operations 7-2, 7-7
 Crash Dump Analyzer C-31
 Writing I/O Driver A-31
 PDP-11 MACRO-11 3-2

Batch and Queue 2-6

 Batch and Queue 2-10
 Batch and Queue 2-1
 Batch and Queue 2-1
 Batch and Queue 2-1
 Batch and Queue 3-3
 Batch and Queue 3-4
 Batch and Queue 3-4
 Batch and Queue 3-4

 Batch and Queue 2-6

 Batch and Queue 2-20

 Batch and Queue 2-3

 Batch and Queue 2-10

 Batch and Queue 2-16

 Batch and Queue 3-16

 Batch and Queue 3-17

 Batch and Queue 2-4

 EDT Editor 1-4
 EDT Editor 3-4
 EDT Editor 3-1
 EDT Editor 3-5, 7-8
 EDT Editor 3-4

 EDT Editor 4-4
 EDT Editor 4-6

MASTER INDEX

Journaling
 EDT editor
 \$JSR
 predefined syntax element in
 MML

K

K command
 ZAP utility
 k symbol
 K-series
 buffer management
 FORTRAN interface
 I/O status block
 MACRO-11 interface
 on pregenerated kit
 routine
 generating
 K.STS
 K.xxx offsets
 in KRB
 KBF field in RAB
 FIND operation
 GET operation
 offset
 PUT operation
 summary
 /KDS
 Kernel
 Kernel data space dump
 Kernel data space switch
 Kernel instruction space dump
 Kernel instruction space switch
 Kernel Mapping Register switch
 Kernel stack dump
 Key

ALT MODE
 alternate

BACK SPACE
 buffer address
 See KBF field in RAB
 buffer size
 See KSZ field in RAB
 CAPS LOCK
 changeable
 See also XB\$CHG mask in FLG
 field
 characteristics
 See also FLG field in KEY
 block
 changeable
 duplicates
 null

COPY
 CTRL
 cursor-control
 data type

See also DTP field in KEY
 block

EDT Editor 1-4
 Introduction 2-17, Gloss-18

System Management 12-45

ODT 2-9, 7-1
 Utilities 15-16
 ODT 2-1, 2-3
 I/O Drivers 22-1
 I/O Drivers 22-32
 I/O Drivers 22-7 to 22-30
 I/O Drivers 22-32
 I/O Drivers 22-31
 System Generation 5-37

I/O Drivers 22-4 to 22-5
 Writing I/O Driver 4-48

Writing I/O Driver 4-47 to 4-48,
 4-50 to 4-52

RMS-11 Macros 4-5
 RMS-11 Macros 5-52
 RMS-11 Macros 5-63
 RMS-11 Macros 6-115
 RMS-11 Macros 5-96
 RMS-11 Macros 6-122
 Crash Dump Analyzer 2-2
 Introduction 5-4, Gloss-18
 Crash Dump Analyzer 3-54
 Crash Dump Analyzer 2-4
 Crash Dump Analyzer 3-54
 Crash Dump Analyzer 2-4
 Crash Dump Analyzer 2-8
 Crash Dump Analyzer 3-1, 3-5
 RMS-11 Introduction 3-6
 RMS-11 User's Guide 1-5, 1-19,
 6-2
 Command Language 3-12
 RMS-11 Introduction 3-7
 RMS-11 User's Guide 1-7, 1-11
 Command Language 3-13

Command Language 3-14
 RMS-11 Introduction 3-10

RMS-11 User's Guide 6-8

RMS-11 User's Guide 6-9
 RMS-11 User's Guide 6-8
 RMS-11 User's Guide 6-10
 Command Language 3-14
 Command Language 3-18
 Command Language 3-17
 RMS-11 Introduction 3-7
 RMS-11 User's Guide 6-3 to 6-6

MASTER INDEX

Key (Cont.)

DELETE
 duplicate
 See also XB\$DUP mask in FLG field
 ENTER
 ESC
 ESCAPE

 LINE FEED
 match criterion
 name
 See KNM field in KEY block
 NO SCROLL
 null
 See also NUL field in KEY block
 number of
 position
 primary

 reference
 See KRF field in RAB
 REPEAT
 RETURN

 RMSDES utility
 numbering
 rubout
 SCROLL
 segment

 segment count
 See NSG field in KEY block
 segment, position
 See POS field in KEY block
 segment, size
 See SIZ field in KEY block
 SEL
 SHIFT
 size
 See also TKS field in KEY block
 special
 special character
 TAB
 XAB
 See KEY block
 KEY block
 chaining to FAB
 declaring
 initializing
 summary
 Key buffer pool
 Key information
 RMSDSP utility
 Key name
 RMSCNV utility
 Key of reference
 RMSCNV utility
 RMSIFL utility
 Key record access
 See also RB\$KEY code in RAC field
 to indexed files

Command Language 3-13
 RMS-11 Introduction 3-10

 Command Language 3-12, 3-17
 Command Language 3-12
 Command Language 3-12
 I/O Drivers 3-22
 Command Language 3-13
 RMS-11 Introduction 3-12

 Command Language 3-14
 RMS-11 Introduction 3-10

 RMS-11 User's Guide 6-2
 RMS-11 User's Guide 6-7
 RMS-11 Introduction 3-7
 RMS-11 User's Guide 1-7, 1-11

 Command Language 3-14
 Command Language 3-2, 3-12, 3-17, 3-22
 I/O Drivers 3-22

 RMS-11 Utilities 2-8, 2-28, 2-38
 I/O Drivers 3-22, 3-24
 Command Language 3-14
 RMS-11 Introduction 3-10
 RMS-11 User's Guide 6-7

 Command Language 3-12
 Command Language 3-14
 RMS-11 User's Guide 6-6

 I/O Drivers 2-29
 MCR Operations 2-14
 Command Language 3-22

 RMS-11 Introduction 4-8
 RMS-11 Macros 2-12 to 2-13
 RMS-11 Macros 2-8
 RMS-11 Macros 2-9
 RMS-11 Macros 6-67
 RMS-11 Macros 2-6

 RMS-11 Utilities 5-4

 RMS-11 Utilities 4-10

 RMS-11 Utilities 4-10, 4-16
 RMS-11 Utilities 3-8 to 3-9
 RMS-11 Introduction 3-12

 RMS-11 User's Guide 5-7, 5-9

MASTER INDEX

Key record access (Cont.)	
to relative files	RMS-11 User's Guide 4-1
to sequential files	RMS-11 User's Guide 3-2
Keyboard	
terminal	Command Language 3-1, 3-11
Keypad	
terminal	Command Language 3-1, 3-17
Keypad editing	
advantage	EDT Editor 2-4
changing case in	EDT Editor 5-48
command	EDT Editor 1-9
deleting text in	EDT Editor 5-25
description	EDT Editor 1-7
description of keypad diagram	EDT Editor 5-6
ending a session	EDT Editor 2-19, 5-9
entering text in	EDT Editor 5-10
essential function	EDT Editor 5-7
how to use	EDT Editor 2-4, 5-2
reinserting text in	EDT Editor 5-25
setting direction of cursor	
movement	EDT Editor 5-15
starting	EDT Editor 2-5, 5-1
Keypad Editor	
See Editor, K52 and Editor, KED	
Keypad function	
ADVANCE	EDT Editor 5-3 to 5-4
alternate	EDT Editor 5-15
APPEND	EDT Editor 2-8, 5-5
BACK SPACE	EDT Editor 5-38
BACKUP	EDT Editor 5-19
BOTTOM	EDT Editor 5-15
CHAR	EDT Editor 5-21
CHNGCASE	EDT Editor 5-16
COMMAND	EDT Editor 2-18 to 2-19, 5-48
control key	EDT Editor 5-9, 5-47
CTRL/A	EDT Editor 5-53
CTRL/C	EDT Editor 5-53
CTRL/D	EDT Editor 5-54
CTRL/E	EDT Editor 5-53
CTRL/K	EDT Editor 5-53
CTRL/T	EDT Editor 5-54
CTRL/U	EDT Editor 5-53
CTRL/W	EDT Editor 5-30, 5-48
CTRL/Z	EDT Editor 5-8
CUT	EDT Editor 5-8
DEL C	EDT Editor 5-33
DEL EOL	EDT Editor 5-26
DEL L	EDT Editor 5-30
DEL W	EDT Editor 5-32
DELETE	EDT Editor 5-28
DOWN	EDT Editor 5-25
ENTER	EDT Editor 5-13
EOL	EDT Editor 5-46, 5-48
EXIT	EDT Editor 5-18
FILL	EDT Editor 5-9
FIND	EDT Editor 5-49, 5-52
FNDNXT	EDT Editor 5-21
GOLD	EDT Editor 5-23
GOLD integer	EDT Editor 5-5
HELP	EDT Editor 5-7
how to use	EDT Editor 5-7
LEFT	EDT Editor 2-5
LINE	EDT Editor 5-14
LINE FEED	EDT Editor 5-18
OPEN LINE	EDT Editor 5-28
PAGE	EDT Editor 5-11
	EDT Editor 5-20

MASTER INDEX

Keypad function (Cont.)

PASTE
 QUIT
 redefining key
 REPLACE
 RESET
 RIGHT
 SECTION
 SELECT
 setting tab
 SPECINS
 standard
 SUBS
 TOP
 UND C
 UND L
 UND W
 UP
 VT100
 VT52
 WORD
 Keypad key
 function
 redefining functions of
 VT100
 VT52
 Keypad number
 Keyword
 abbreviation
 recognition
 VMR
 Keyword table
 KILL command
 EDI editor
 /KIS
 /KMR
 /KN switch
 RMSCNV utility
 /KNL keyword
 OPEN command
 /KNLD keyword
 OPEN command
 /KNLI keyword
 OPEN command
 KNM field in KEY block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 summary
 /KR switch
 RMSCNV utility
 RMSIFL utility
 KRB
 access queue in the
 combined with SCB
 layout
 composite arrangement
 configuration status in the
 contiguous with SCB
 controller status register
 defining start of addresses
 definition
 details
 format
 layout

EDT Editor 5-33, 5-36
 EDT Editor 5-9
 EDT Editor 10-1
 EDT Editor 5-40
 EDT Editor 5-8, 5-34
 EDT Editor 5-14
 EDT Editor 5-20
 EDT Editor 5-33
 EDT Editor 5-53
 EDT Editor 5-48
 EDT Editor 2-8, 5-5
 EDT Editor 5-44
 EDT Editor 5-21
 EDT Editor 5-27
 EDT Editor 5-32
 EDT Editor 5-29
 EDT Editor 5-13
 EDT Editor 2-6, 5-4
 EDT Editor 2-7, 5-3
 EDT Editor 5-17

 EDT Editor 5-1
 EDT Editor 10-1
 EDT Editor 2-6, 5-4
 EDT Editor 2-7, 5-3
 EDT Editor 10-3
 MCR Operations 1-4
 I/O Operations 7-12
 I/O Operations 7-9
 System Management 10-4
 I/O Operations 7-2

 Utilities 2-34
 Crash Dump Analyzer 2-2
 Crash Dump Analyzer 2-6

 RMS-11 Utilities 4-10, 4-16

 MCR Operations 3-140

 MCR Operations 3-140

 MCR Operations 3-140

 RMS-11 Macros 5-18
 RMS-11 Macros 5-30
 RMS-11 Macros 6-68
 RMS-11 Macros 5-74
 RMS-11 Macros 6-82

 RMS-11 Utilities 4-10, 4-16
 RMS-11 Utilities 3-8 to 3-9
 Writing I/O Driver 1-4, 1-13
 Writing I/O Driver 2-2, 2-15
 Writing I/O Driver 2-2, 4-53
 Writing I/O Driver 4-54
 Writing I/O Driver 2-15
 Writing I/O Driver 2-2
 Writing I/O Driver 2-7, 4-3
 Writing I/O Driver 4-50
 Writing I/O Driver 4-3
 Writing I/O Driver 1-4
 Writing I/O Driver 4-45, 4-47 to
 4-53
 Writing I/O Driver 4-47 to 4-53
 Writing I/O Driver 4-46

MASTER INDEX

KRB (Cont.)
 overview
 subsets
 use in determining interrupting
 unit

KRB1
 KRBDF\$

KRF field in RAB
 CONNECT operation
 FIND operation
 GET operation
 offset
 REWIND operation
 summary

KSR-33

KSR-35

KSZ field in RAB
 FIND operation
 GET operation
 offset
 PUT operation
 summary

KW11-K

KWV11-A

L

L command
 L error
 summary
 L register
 L.STS
 L.xxx offsets
 in CTB

LA-type device
 SYSGEN question
 LA100
 LA12
 LA120
 LA180
 LA180 line printer controller
 SYSGEN question
 LA180S
 LA30
 LA30-P
 LA34
 LA36

LA38
 LA50
 Label

field
 Indirect
 Begin-End block with
 branching to
 defining
 direct access
 maximum number of
 legal character in
 multiple definition
 terminator
 volume
 Files-11

Writing I/O Driver 2-1 to 2-2
 Writing I/O Driver 1-13

Writing I/O Driver 2-2
 Writing I/O Driver 1-13
 Crash Dump Analyzer C-32
 Writing I/O Driver A-32 to A-33
 RMS-11 Macros 4-5
 RMS-11 Macros 5-7
 RMS-11 Macros 5-51
 RMS-11 Macros 5-63
 RMS-11 Macros 6-115
 RMS-11 Macros 5-114
 RMS-11 Macros 6-123
 I/O Drivers 2-3, 3-2
 I/O Drivers 2-3, 3-2
 RMS-11 Macros 4-5 to 4-6
 RMS-11 Macros 5-52
 RMS-11 Macros 5-63
 RMS-11 Macros 6-115
 RMS-11 Macros 5-96
 RMS-11 Macros 6-124
 I/O Drivers 22-3
 I/O Drivers 22-3

ODT 2-9, 6-4
 PDP-11 MACRO-11 2-1
 PDP-11 MACRO-11 D-4
 ODT 2-6, 5-3
 Writing I/O Driver 4-58

Writing I/O Driver 4-55 to 4-56,
 4-58 to 4-59

System Generation 3-54
 I/O Drivers 2-3
 I/O Drivers 2-3
 I/O Drivers 2-4, 3-3
 I/O Drivers 10-2

System Generation 3-49
 I/O Drivers 2-4, 3-3
 I/O Drivers 2-4, 3-2
 I/O Drivers 3-29
 I/O Drivers 2-4
 Introduction 1-2
 Command Language 3-1, 3-14
 I/O Drivers 2-4, 3-2
 I/O Drivers 2-4
 I/O Drivers 2-4A
 Introduction 4-4, Gloss-18
 RMS-11 Introduction 2-5
 PDP-11 MACRO-11 2-1 to 2-3
 MCR Operations 4-22
 MCR Operations 4-28
 MCR Operations 4-37
 MCR Operations 4-22
 MCR Operations 4-22
 MCR Operations 4-22
 PDP-11 MACRO-11 2-3
 PDP-11 MACRO-11 2-3
 PDP-11 MACRO-11 3-1
 Command Language 5-28

MASTER INDEX

Label
 volume
 Files-11 (Cont.)
 specifying
 overriding
 Label block
 group
 /LABEL keyword
 MOUNT command
 Labeled magtape volume

 Laboratory peripheral
 K-series support routine
 Laboratory Peripheral Accelerator
 See LPAll-K
 Laboratory peripheral system
 clock rate
 device-specific QIO
 FORTRAN interface
 subroutine summary
 synchronous subroutine
 sampling rate
 standard QIO
 status return
 LAN field in KEY block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 summary
 Language
 assembly
 See also MACRO-11
 high-level

 overlay program in
 source

 support
 Laser printer
 LN01
 LAST
 range specification
 /LB switch
 DMP utility
 Indirect
 LB:
 pseudo device
 LBLDF\$ macro
 LBN

 See also Placement control
 index file
 specifying
 LBR

 See also LIBRARY command
 adding a module to a library
 /COMPRESS
 /CR
 /CREATE

 efficiency
 /FU
 /FULL
 /IN

 MCR Operations 3-75, 3-79
 MCR Operations 3-75, 3-125
 Task Builder 2-8
 Task Builder B-1

 MCR Operations 3-124
 Command Language 5-4, 5-35 to
 5-36

 I/O Drivers 22-1

 I/O Drivers 16-1
 I/O Drivers 16-33 to 16-34
 I/O Drivers 16-3 to 16-9
 I/O Drivers 16-9
 I/O Drivers 16-11 to 16-28
 I/O Drivers 16-10
 I/O Drivers 16-33 to 16-34
 I/O Drivers 16-2
 I/O Drivers 16-29 to 16-33

 RMS-11 Macros 5-19
 RMS-11 Macros 5-31
 RMS-11 Macros 6-67
 RMS-11 Macros 5-80
 RMS-11 Macros 6-83

 Program Development 1-4 to 1-5

 Introduction 3-12, 4-12 to 4-13,
 Gloss-16
 Task Builder 3-40
 Introduction 4-4, Gloss-30
 Command Language 6-2
 Command Language 6-2

 I/O Drivers 10-2

 EDT Editor 6-8
 Task Builder 10-23 to 10-24
 Utilities 11-6
 MCR Operations 4-19

 Command Language 5-6
 Task Builder B-1
 RMS-11 Introduction 2-4
 RMS-11 User's Guide 8-11
 Writing I/O Driver 1-15

 MCR Operations 3-82
 Command Language 6-39 to 6-61
 Program Development 1-9

 Program Development 6-9 to 6-10
 Program Development 6-10
 Program Development 6-2, 6-5
 Program Development 6-1, 6-4 to
 6-5
 Program Development 1-9
 Program Development 6-11 to 6-12
 Program Development 6-11
 Program Development 6-10

MASTER INDEX

LBR (Cont.)	
/INSERT	Program Development 6-9
LBR command	
MCR	Program Development 1-9, 6-2
/LE	Program Development 6-11 to 6-12
LIBRARY command	
DCL	Program Development 1-9, 6-1
/LIST	Program Development 6-9, 6-11
listing information	Program Development 6-11 to 6-12
/MACRO	Program Development 6-1 to 6-2
macro library	Program Development 6-1 to 6-3
module name requirement	Error Logging 4-17
/NAMES	Program Development 6-11
/OBJECT	Program Development 6-2, 6-4 to 6-5
object module library	Program Development 6-4 to 6-6
.OLB file type	Program Development 6-4
/REPLACE	Program Development 6-9 to 6-10
replacing a module in a library	Program Development 6-10 to 6-11
/RP	Program Development 6-10 to 6-11
/-SP	Program Development 6-11
LBR command	
MCR	Program Development 1-9, 6-2
See also LBR	
LBR command line	
device-level module	Error Logging 4-37
DEVSM1	Error Logging 4-36
DSP2P1	Error Logging 4-36
LBR utility	
combining library function	Utilities 10-32
command line	Utilities 10-8
default	Utilities 10-8
error message	Utilities 10-33
library file	
creating	Utilities 10-12
deleting	Utilities 10-13
format	Utilities 10-2
inserting module	Utilities 10-20
listing	Utilities 10-21
replacing module	Utilities 10-23
spooling	Utilities 10-29
restriction	Utilities 10-8
switch	Utilities 10-9
universal library file	
inserting module	Utilities 10-20
replacing module	Utilities 10-27
LC command	
EDI editor	Utilities 2-35
/LC switch	
DMP utility	Utilities 11-6
LC symbolic argument	PDP-11 MACRO-11 6-19
LCBDF\$	Crash Dump Analyzer C-34
	Writing I/O Driver A-34
LCH field in FAB	RMS-11 Macros 3-2
CREATE operation	RMS-11 Macros 5-13
ENTER operation	RMS-11 Macros 5-36
ERASE operation	RMS-11 Macros 5-42
offset	RMS-11 Macros 6-24
OPEN operation	RMS-11 Macros 5-74
PARSE operation	RMS-11 Macros 5-87
REMOVE operation	RMS-11 Macros 5-104
RENAME operation	RMS-11 Macros 5-110
SEARCH operation	RMS-11 Macros 5-117
summary	RMS-11 Macros 6-53
\$LCKPG (Lock page)	System Library 8-30
LCL symbolic argument	PDP-11 MACRO-11 6-41
LCM symbolic argument	PDP-11 MACRO-11 6-19

MASTER INDEX

/LD switch
 PIP utility
 LD symbolic argument
 LD\$xx symbol
 LE condition test argument
 /LE job switch
 QUE /MOD command
 /LE switch
 LBR utility
 PRI command
 LEAVE statement
 LEFT function
 Legal function mask
 details
 /LENGTH job qualifier
 SET QUEUE command
 /LENGTH qualifier
 BRU utility
 PRINT command
 Letter-quality printer
 Level
 indexed files
 data
 level 0, alternate indexes
 level 0, primary indexes
 Level count
 listing
 LEVEL1 INDEX AREA
 RMSDES utility
 Lexical conditionals
 /LGO subkeyword
 CLI command
 LI command
 EDI editor
 /LI switch

 See also /LIST switch
 CMP utility
 FLX utility
 LBR utility
 PIP utility
 /BR
 /FU
 /TB
 QUE /LI command
 Vfy utility
 ZAP utility
 /LI:B switch
 QUE /LI command
 /LI:P switch
 QUE /LI command
 LIBR
 linking to region
 option
 Librarian Utility Program
 See LBR utility
 Library
 See also Macro, Object, OTS
 building a
 cluster

 building
 building example
 building rule 1: overlays

 Utilities 3-17
 PDP-11 MACRO-11 6-12
 Writing I/O Driver 4-9
 PDP-11 MACRO-11 6-51

 Batch and Queue 2-20

 Utilities 10-21
 Batch and Queue 2-5
 Error Logging 5-35
 EDT Editor 2-11, 5-14

 Writing I/O Driver 4-19 to 4-20

 Batch and Queue 2-20

 Utilities 7-18
 Batch and Queue 2-5
 I/O Drivers 2-4

 RMS-11 User's Guide 5-4
 RMS-11 User's Guide 5-5
 RMS-11 User's Guide 5-5
 RMS-11 User's Guide 5-5

 PDP-11 MACRO-11 6-9 to 6-10

 RMS-11 Utilities 2-41
 Error Logging 5-36

 MCR Operations 3-38

 Utilities 2-35
 PDP-11 MACRO-11 8-6
 Task Builder 10-25

 Utilities 12-3
 Utilities 4-7
 Utilities 10-21
 Utilities 3-24
 Utilities 3-25
 Utilities 3-25
 Utilities 3-26
 Batch and Queue 2-15
 Utilities 9-6
 Utilities 15-2

 Batch and Queue 2-16

 Batch and Queue 2-15 to 2-16

 Task Builder 5-14
 Task Builder 11-11 to 11-12

 Task Builder 5-14
 Task Builder 5-44
 RMS-11 User's Guide 8-7 to 8-9
 Task Builder 5-44, 5-48 to 5-51
 Task Builder 5-48 to 5-51
 Task Builder 5-45

MASTER INDEX

Library

cluster (Cont.)

building rule 2: references
building rule 3: .STB file
building rule 4: stack
building rule 5: PIC
building rule 6: traps
building rule summary
examples
overlay run-time support
resolving interlibrary
references

command

default file type for

common

displaying

declaring a

default

controlling symbol search
global symbol resolution
specifying a

default search of system

TKB

DIGITAL-supplied

extending a

file

declaring a

FTB

overlaid region

linking resident to

supervisor-mode

macro

maintenance

modules

.FCTR directive

object

designating in TKB

system

using to resolve undefined
global symbols

object module

placing in overlay structure

obtaining information about a
user

old

overlaid region

OTS

region

specifying

relocation

resident

resident

building and linking to a
data in task image

declaring

installing

label block 0

label block 1

label block 2

label block 3

name block data

relocation

RMSRES

search

Task Builder 5-46

Task Builder 5-47

Task Builder 5-47

Task Builder 5-47

Task Builder 5-47

Task Builder 5-44

Task Builder 5-47

Task Builder 5-51 to 5-53

Task Builder 5-49

MCR Operations 4-19

MCR Operations 4-20

MCR Operations 3-34

Task Builder 10-23

Task Builder 10-15, 10-19

Task Builder 3-18

Task Builder 10-15

Program Development 4-2

Program Development 1-9

Task Builder 10-17

Task Builder 10-23

Task Builder 5-13

Task Builder 8-21

Command Language 6-41

Program Development 6-1 to 6-3

Program Development 6-10 to 6-11

Task Builder 3-26

Program Development 6-4 to 6-6

Program Development 6-6 to 6-9

Program Development 1-11

Program Development 6-8 to 6-9

Command Language 6-41

RMS-11 User's Guide 8-1

Task Builder 10-24

Program Development 6-11 to 6-12

Task Builder 5-13

Program Development 7-2

Task Builder 2-20

Task Builder 10-25

Task Builder A-23

Task Builder 5-1, 5-3

RMS-11 User's Guide 8-1, 8-8

Task Builder 5-14, 5-31 to 5-38

Task Builder B-4 to B-6

Task Builder 11-11, 11-28

MCR Operations 3-95

Task Builder B-7

Task Builder B-9

Task Builder B-9

Task Builder B-9

Task Builder B-8

Task Builder A-23

RMS-11 User's Guide 8-6, 8-9

Task Builder 10-23

MASTER INDEX

Library (Cont.)

- resolving references
 - .FCTR directive
 - restriction in I- and D-space task
 - search
 - MACRO-11
 - TKB
 - shareable
 - squeezing
 - supervisor-mode
 - building
 - building linking task
 - building the referencing task
 - building with relevant options
 - completion routine
 - converting SCAL to CSM data in definition
 - example of linking
 - linking a resident
 - linking to
 - linking to SYSLIB
 - linking with relevant options
 - mapping of
 - method of mode switching
 - mode switching
 - mode switching compared
 - mode-switching vector
 - \$MSDS directive
 - \$MSDS directive restriction
 - multiple overlaid
 - overlay restriction
 - parameter passing
 - restrictions on contents
 - using as resident
 - using system supplied vector
 - with I- and D-space task
 - your own completion routines in
 - your own vector in
 - supervisor-mode mapping
 - with conventional task
 - with I- and D-space task
 - SYSLIB
 - replacing as default system
 - macro (RSXMAC.SML)
 - UIC
 - specifying
 - universal
 - command procedures in
- LIBRARY command
 - DCL
 - See also LBR
 - .LIBRARY directive
- Task Builder 3-26
- Task Builder 7-9
- Program Development 1-5, 1-10, 2-7
- Program Development 1-11
- Command Language 6-73
- Program Development 6-3
- RMS-11 User's Guide 8-9
- Task Builder 2-24, 8-1
- Task Builder 8-7
- Task Builder 8-17 to 8-18
- Task Builder 8-7
- Task Builder 8-3, 8-7, 8-17 to 8-18
- Task Builder 8-2, 8-7, 8-21
- Task Builder 8-20
- Task Builder 8-3
- Task Builder 8-1
- Task Builder 8-10 to 8-17
- Task Builder 8-7
- Task Builder 8-20
- Task Builder 8-21
- Task Builder 8-2, 8-7 to 8-9, 8-18
- Task Builder 8-3, 8-8, 8-18
- Task Builder 8-3
- Task Builder 8-1, 8-19
- Task Builder 8-1, 8-7
- Task Builder 8-1
- Task Builder 8-1
- Task Builder 8-2
- Task Builder 8-2
- Task Builder 8-20
- Task Builder 8-21 to 8-22
- Task Builder 8-21 to 8-22
- Task Builder 8-2
- Task Builder 8-2
- Task Builder 8-20
- Task Builder 8-19
- Task Builder 8-3
- Task Builder 8-21
- Task Builder 8-21
- Task Builder 8-4 to 8-5
- Task Builder 8-6
- Task Builder 10-23
- Introduction 4-11, Gloss-18, Gloss-32
- Program Development 1-5
- MCR Operations 3-186
- System Management 10-50
- Command Language 6-41
- MCR Operations 4-19
- Command Language 6-39 to 6-61, 9-21
- Program Development 1-9, 6-1
- PDP-11 MACRO-11 6-57

MASTER INDEX

Library directory	Command Language 6-41, 7-7 to 7-9, 7-27, 8-4 to 8-5, 8-7, 9-32, 9-38
Library file	
See LBR utility	
Library file, macro	PDP-11 MACRO-11 6-20
force search of	PDP-11 MACRO-11 8-6
including in assembly	PDP-11 MACRO-11 8-12
/LIBRARY qualifier	
Library routine	System Library 1-1 to 1-2
communication between	System Library 1-2
placement of	System Library 1-2
search of	System Library 1-2
storage	Command Language 6-42 to 6-43, 9-21
LIBRARY/COMPRESS command	Command Language 6-43 to 6-46, 9-21
LIBRARY/CREATE command	Command Language 6-46 to 6-47, 9-22
LIBRARY/DELETE command	Command Language 6-47 to 6-48, 9-22
LIBRARY/EXTRACT command	Command Language 6-48 to 6-50, 9-22
LIBRARY/INSERT command	Command Language 6-50 to 6-53, 9-23
LIBRARY/LIST command	Command Language 6-54, 9-23
LIBRARY/REMOVE command	Command Language 6-54 to 6-56, 9-23
LIBRARY/REPLACE command	
/LIBUIC keyword	MCR Operations 3-186
SET command	System Management 10-50
VMR	MCR Operations 4-13
<LIBUIC> symbol	Introduction 5-3, Gloss-19
License	Error Logging 2-3
/LIM switch	Error Logging 2-6
/LIM switch	Crash Dump Analyzer 2-6
/LIMIT	PDP-11 MACRO-11 6-39
.LIMIT directive	ODT 2-6, 5-3
Limit register	Error Logging 2-3, 2-6
Limit switch	
Line	Introduction 2-16
definition of	EDT Editor 9-12
EDT editor	
displaying	Introduction 2-16
length	Introduction 2-4, 2-8 to 2-9, Gloss-19
EDT editor	
number	Introduction 2-5, 2-8 to 2-9, 2-13, Gloss-19
EDT editor	I/O Drivers 2-41 to 2-42, 3-31 to 3-32
pointer	EDT Editor 9-5
EDT editor	EDT Editor 9-14
remote	EDT Editor 9-12
setting display limit	Introduction 2-16
setting length of	Introduction 2-16
too long to display on screen	Utilities 2-35
truncation	Command Language 1-11, 3-12
EDT editor	
wrapping	EDT Editor 7-1
EDT editor	
LINE CHANGE command	
EDI editor	
Line continuation	
DCL	
Line editing	
abbreviating command	

MASTER INDEX

Line editing (Cont.)

- asterisk prompt
- creating files in
- deleting line
- description
- displaying line
- ending a session
- line number
- locating text
- moving line
- returning to with CTRL/Z
- returning to with EX
- starting

Line editing command

- CHANGE
- CLEAR
- COPY
- DEFINE KEY
- DEFINE MACRO
- DELETE
- EXIT
- FIND
- HELP
- Implied TYPE (Null)
- INCLUDE
- INSERT
- MOVE
- Null
- PRINT
- QUIT
- QUIT/SAVE
- REPLACE
- RESEQUENCE
- SET and SHOW
- SUBSTITUTE
- SUBSTITUTE NEXT
- TYPE
- used in keypad editing
- WRITE

Line feed command

LINE FEED function

LINE FEED key

- closing location
- ODT
- displaying word on stack
- ODT
- generating task list
- PMT
- opening location
- ODT

Line frequency

- SYSGEN question

LINE function

Line interface

- DL11/DLV11
- SYSGEN question
- DM11-BB
- SYSGEN question
- DMC11
- SYSGEN question
- DMR11
- SYSGEN question
- DUP11
- SYSGEN question
- TT-type
- SYSGEN question

- EDT Editor 2-20, 7-1
- EDT Editor 2-20
- EDT Editor 7-6
- EDT Editor 1-7
- EDT Editor 7-20
- EDT Editor 7-8, 7-14
- EDT Editor 6-1
- EDT Editor 7-8
- EDT Editor 7-11
- EDT Editor 5-8, 7-2
- EDT Editor 8-10
- EDT Editor 2-20, 7-2
- EDT Editor 1-9
- EDT Editor 7-1
- EDT Editor 7-2
- EDT Editor 2-35, 7-3
- EDT Editor 7-4
- EDT Editor 7-4
- EDT Editor 2-30, 7-6
- EDT Editor 2-31, 7-8
- EDT Editor 7-8
- EDT Editor 1-3, 7-9
- EDT Editor 2-23, 7-12
- EDT Editor 2-34, 7-10
- EDT Editor 2-21, 7-11
- EDT Editor 2-35, 7-11
- EDT Editor 2-23, 7-12
- EDT Editor 7-13
- EDT Editor 7-14
- EDT Editor 3-2, 7-14
- EDT Editor 2-27, 7-14
- EDT Editor 2-31, 2-36, 6-3, 7-15
- EDT Editor 9-1
- EDT Editor 2-30, 7-16
- EDT Editor 7-19
- EDT Editor 2-22, 7-20
- EDT Editor 5-46
- EDT Editor 2-36, 7-22
- ODT 2-5, 4-4
- EDT Editor 5-28
- Command Language 3-13

Program Development 5-5, 5-7

Program Development 5-8

System Management 13-8

Program Development 5-5, 5-7

System Generation 3-30

EDT Editor 5-18

System Generation 3-57

System Generation 3-60

System Generation 3-64

System Generation 3-64

System Generation 3-65

System Generation 3-58

MASTER INDEX

Line mode
 EDT editor
 Line number
 assigning new
 fixed
 line editing
 resequencing
 setting display of
 Line printer
 definition
 LA180 controller
 SYSGEN question
 list of
 LP-type
 SYSGEN question
 LP11
 LP11 controller
 SYSGEN question
 LS11
 LS11 controller
 SYSGEN question
 LV11
 LV11 controller
 SYSGEN question
 ready recovery
 status return
 type
 SYSGEN question
 Line printer controller
 See Controller
 Line printer listing format
 Line Text Editor
 See EDI editor
 /LINES
 /LINES keyword
 SET command
 VMR
 Lines switch
 LINK command

 CON
 command line format
 example
 DCL

 See also TKB
 LINK/C81 command
 LINK/COBOL command

 Linker
 Linking
 module
 ODT
 DCL
 MCR
 PDS
 overview of
 RSX-11M-PLUS feature
 LIST command
 CON
 command line format
 example

Introduction 2-4, Gloss-19
 EDT Editor 1-7
 EDT Editor 7-15
 EDT Editor 1-7
 EDT Editor 6-1
 EDT Editor 6-3
 EDT Editor 9-6
 Introduction 1-14, 3-7, 5-10, 6-2,
 Gloss-19
 Batch and Queue Gloss-5

 System Generation 3-49
 I/O Drivers 10-1

 System Generation 3-49
 I/O Drivers 10-2

 System Generation 3-49
 I/O Drivers 10-2

 System Generation 3-49
 I/O Drivers 10-2

 System Generation 3-49
 I/O Drivers 10-5
 I/O Drivers 10-4 to 10-5

 System Generation 3-50

 PDP-11 MACRO-11 6-5 to 6-6

 Crash Dump Analyzer 2-6

 MCR Operations 3-187
 System Management 10-51
 Crash Dump Analyzer 2-7
 Introduction 4-3, 4-7, 4-11
 Command Language 6-1, 6-62 to
 6-89, 7-4, 9-23 to 9-25
 System Management 15-16
 System Management 15-16
 System Management 15-16
 ODT 1-3 to 1-4, 8-1
 Program Development 1-5, 4-1, 5-1,
 5-9, 6-7

 Command Language 6-87 to 6-89,
 9-25
 Command Language 6-87 to 6-89,
 9-25
 PDP-11 MACRO-11 1-2, 2-2

 Task Builder 2-3
 ODT 1-2
 ODT 1-3
 ODT 1-2
 ODT 1-3
 PDP-11 MACRO-11 4-1
 ODT 1-3

 System Management 15-17
 System Management 15-17
 System Management 15-17

MASTER INDEX

LIST command (Cont.)
 EDI editor
 List command
 .LIST directive
 arguments for
 LIST ON PSEUDO DEVICE command
 EDI editor
 LIST ON TERMINAL command
 EDI editor
 List option
 ACNT
 /LIST qualifier
 LIST statement
 /LIST switch
 See also /LIST switch
 BAD utility
 .LIST TTM directive
 Listing
 assembly
 control

 device
 specifying
 directory
 examining at a terminal
 format
 memory
 Trace program
 format of
 FORTRAN IV
 global cross-reference
 generating as
 printing
 sample assembly
 spooling
 use in debugging
 wide
 specifying a
 Listing control
 See also .LIST or .NLIST
 directive
 comment block
 directive
 arguments for
 .IDENT
 .LIST
 .NLIST
 .PAGE
 .REM
 .SBTTL
 .TITLE
 level count
 MAC task command
 page ejection
 switch
 /CR
 /LI
 /NL
 /NOSP
 /SP
 Listing control directive
 arguments for
 Listing file
 FLX utility
 PIP utility
 Listing level count
 LISTING_DIRECTIVES argument

 Program Development 2-13
 ODT 2-9, 6-4
 PDP-11 MACRO-11 6-9 to 6-14
 PDP-11 MACRO-11 6-10 to 6-12

 Utilities 2-36

 Utilities 2-35

 System Management 2-6 to 2-7
 PDP-11 MACRO-11 8-10
 Error Logging 5-39

 Utilities 6-5
 Program Development 2-6

 Program Development 3-4 to 3-5
 Program Development 1-4 to 1-5,
 2-6

 ODT 6-2, 6-5
 Program Development 3-9
 Program Development 3-6, 7-4

 ODT 6-5
 ODT 8-2
 PDP-11 MACRO-11 6-4
 Program Development 7-5
 Program Development 4-5 to 4-6
 Task Builder 10-11
 Program Development 3-8 to 3-9
 PDP-11 MACRO-11 H-1 to H-3
 Program Development 3-8 to 3-9
 Program Development 5-4

 Task Builder 10-51

 PDP-11 MACRO-11 6-18
 PDP-11 MACRO-11 6-3 to 6-18
 PDP-11 MACRO-11 6-11 to 6-12
 PDP-11 MACRO-11 6-16 to 6-17
 PDP-11 MACRO-11 6-9 to 6-14
 PDP-11 MACRO-11 6-9 to 6-14
 PDP-11 MACRO-11 6-17 to 6-18
 PDP-11 MACRO-11 6-18
 PDP-11 MACRO-11 6-15 to 6-16
 PDP-11 MACRO-11 6-15
 PDP-11 MACRO-11 6-9 to 6-10
 PDP-11 MACRO-11 8-6 to 8-7
 PDP-11 MACRO-11 6-17
 PDP-11 MACRO-11 8-6 to 8-7
 PDP-11 MACRO-11 8-7
 PDP-11 MACRO-11 8-6
 PDP-11 MACRO-11 8-6
 PDP-11 MACRO-11 8-7
 PDP-11 MACRO-11 8-7

 PDP-11 MACRO-11 6-10

 Utilities 4-7
 Utilities 3-24
 PDP-11 MACRO-11 6-9 to 6-10
 PDP-11 MACRO-11 8-11

MASTER INDEX

Literal declaration	Error Logging 4-12
LITERAL statement	Error Logging 5-33
/LN switch	Utilities 12-3
CMP utility	I/O Drivers 10-2
LN01	
/LO job switch	Batch and Queue 2-20
QUE /MOD command	Batch and Queue 3-17
/LO log file switch	
SUB command	MCR Operations 4-21
/LO switch	RMS-11 Utilities 4-10
Indirect	RMS-11 Utilities 3-6
RMSCNV utility	Utilities 9-6
RMSIFL utility	
VFY utility	Task Builder 5-53
\$\$LOAD	Task Builder E-3
PSECT	
reserved PSECT name	
\$LOAD	
predefined syntax element in	
MML	System Management 12-45
LOAD command	MCR Operations 3-108
	Writing I/O Driver 1-18 to 1-20,
	5-2
allowances	Writing I/O Driver 1-7
command line format	MCR Operations 3-108
error message	MCR Operations 3-110
example	MCR Operations 3-109
Executive operation for driver	Writing I/O Driver 5-11
keyword	
/CTB	MCR Operations 3-109
/HIGH	MCR Operations 3-109
/PAR	MCR Operations 3-108
/SIZE	MCR Operations 3-109
operation	Writing I/O Driver 5-11
overview	Writing I/O Driver 1-18
pool requirements	MCR Operations 3-110
use of /CTB	Writing I/O Driver 5-14
VMR	System Management 10-27
command line format	System Management 10-27
example	System Management 10-28
keyword	
/CTB	System Management 10-27
/PAR	System Management 10-27
/SIZE	Task Builder 5-53
LOAD module	
\$LOAD routine	Task Builder 4-7
in manual load	Writing I/O Driver 1-11
Load sharing	
Load test	System Management 9-2
UETP	
Loadable data base	
See Data base	
Loadable driver	
See Driver	
Loading	Task Builder 4-10
asynchronous example of	
mechanism	Task Builder 3-16
overlay	RMS-11 User's Guide 1-10, 1-12
Loading files	
LOC field in ALL block	RMS-11 Macros 5-17
CREATE operation	RMS-11 Macros 5-47
EXTEND operation	RMS-11 Macros 6-2
offset	RMS-11 Macros D-4
RSTS/E	RMS-11 Macros 6-12
summary	
/LOC keyword	MCR Operations 3-67
HELP command	

MASTER INDEX

LOC symbolic argument
 LOC0 field in ALL block
 offset
 LOC1 field in ALL block
 offset
 LOCAL argument
 Local data block
 Local macro
 definitions
 Local symbol

 accessing
 automatic creation
 Begin-End block with
 block
 enabling
 definitions
 deleting definition of
 reserved
 treatment as user-defined
 <LOCAL> symbol
 LOCATE command
 EDI editor

 EDI editor
 Locate Directory Entry
 Locate mode

 See also RB\$LOC mask in ROP
 field
 GET\$
 GET\$ operations
 indexed files
 PUT\$
 relative files
 sequential files
 Locating text
 keypad editing
 line editing
 nokeypad editing ('string')
 Location
 See also LOC field in ALL block
 altering
 closing
 displaying
 hard
 See XB\$HRD mask in AOP field
 RMSDEF utility
 Location counter
 See also Current location
 counter
 control directive
 definition
 modification
 use in debugging
 Location indicator
 See Register indicator
 /LOCK keyword
 default value
 specifying
 DISMOUNT command
 MOUNT command
 option
 Nounload
 Unload
 Virtual

 PDP-11 MACRO-11 6-11

 RMS-11 Macros 6-2

 RMS-11 Macros 6-2
 PDP-11 MACRO-11 8-9
 Program Development 2-8
 Program Development 2-8
 Program Development 2-8
 Introduction 4-7, Gloss-19
 PDP-11 MACRO-11 3-11 to 3-12
 Program Development 1-4 to 1-5
 MCR Operations 4-21
 PDP-11 MACRO-11 7-8 to 7-9
 MCR Operations 4-3, 4-28
 PDP-11 MACRO-11 3-11 to 3-12
 PDP-11 MACRO-11 6-19 to 6-20
 Program Development 2-7 to 2-8
 MCR Operations 4-35
 MCR Operations 4-17
 PDP-11 MACRO-11 3-7
 MCR Operations 4-9

 Program Development 2-14, 2-18,
 7-4 to 7-5, 7-7
 Utilities 2-15, 2-36
 I/O Operations 4-13
 I/O Operations 1-6
 RMS-11 Introduction 4-6

 I/O Operations 3-18
 I/O Operations 3-21
 RMS-11 User's Guide 7-7
 I/O Operations 3-27
 RMS-11 User's Guide 4-13
 RMS-11 User's Guide 3-14

 EDT Editor 5-21
 EDT Editor 7-8
 EDT Editor 8-4

 ODT 4-1
 ODT 4-2
 ODT 4-1 to 4-3

 RMS-11 Utilities A-14
 Program Development 1-4 to 1-5

 PDP-11 MACRO-11 6-36
 Task Builder A-17
 Task Builder A-18
 Program Development 5-3 to 5-4

 MCR Operations 3-124
 MCR Operations 3-52
 MCR Operations 3-124

 MCR Operations 3-52, 3-124
 MCR Operations 3-53, 3-124
 MCR Operations 3-53, 3-124

MASTER INDEX

Locked file	Command Language 4-75 to 4-76, 9-47
Locking buckets	RMS-11 Introduction 4-3
Locking, file	
See FB\$DLK mask in FOP field	
Log	Introduction Gloss-19
Log file	
disabling	System Management 3-5
example	System Management 3-8
reading	System Management 3-8
reassigning	System Management 3-6
task communication to	System Management 3-2
use of log file defaults	System Management 3-6
using PIP to read	System Management 3-8
/LOG keyword	
DEVICES command	MCR Operations 3-48
/LOG switch	Error Logging 2-3, 2-5, 2-8
Log switch	Error Logging 2-3, 2-5, 2-8
New version subswitch	Error Logging 2-3, 2-6
No limit subswitch	Error Logging 2-3, 2-5 to 2-6
<LOGDEV> symbol	MCR Operations 4-14
\$LOGGER	Error Logging 4-23
/LOGFILE qualifier	
SUBMIT command	Batch and Queue 3-17
LOGFILE YES/NO command	System Management 4-41
IOX	
Logging	System Management 3-1
console output	System Management 3-2
messages	Introduction 1-5 to 1-7, Gloss-20
Console Logger	Command Language 3-2, 4-2
Logging in	MCR Operations 3-59
	MCR Operations 3-61
disabling	Introduction 1-21, Gloss-20
Logging out	Command Language 3-2
	MCR Operations 3-31
Logical	
address	Task Builder 2-14
address space	Task Builder 2-14
block number	
See LBN	
end-of-file directive (/)	MCR Operations 4-42
example	MCR Operations 4-43
format	MCR Operations 4-42
name	
assigning	MCR Operations 3-16
determining physical device	MCR Operations 4-53
associated with	MCR Operations 3-16
syntax	MCR Operations 4-7
symbol	MCR Operations 4-48
defining	MCR Operations 4-39, 4-41
testing	MCR Operations 4-38
test	MCR Operations 4-42
compound	MCR Operations 4-42
example	
unit number	Task Builder 11-7
See also LUN	Task Builder B-9, B-14
assigning physical device to	
a	Task Builder 11-39
unit table entry	Executive 3-2
units	PDP-11 MACRO-11 3-2, 3-5
number of	PDP-11 MACRO-11 6-52
Logical address space	
Logical AND operator	
special meaning	

MASTER INDEX

Logical block
 RCT
 reading
 writing
 Logical block number
 See LBN
 Logical channel number
 See LCH field in FAB
 Logical device
 Logical device name
 Logical end-of-tape
 Logical I/O
 Logical inclusive OR operator
 special meaning
 Logical name
 assigning
 Logical operator
 See Operator, binary
 Logical page
 definition
 Logical unit number
 See also LUN
 assigning
 changing assignment
 parameter to FDOP\$A
 retrieving
 LOGICAL UNIT NUMBERS command
 VMR
 Logical unit table
 See also LUT
 Login
 See also Logging in
 disabling
 enabling
 silent
 specifying
 text file
 LOGIN command
 command line format
 error message
 example
 time limit
 /LOGIN keyword
 ASSIGN command
 Login message file
 LOGIN.TXT
 Login Transaction Block
 LOGIN.CMD file
 LOGIN.TXT file
 /LOGON keyword
 SET command
 VMR
 Logout
 See also Logging out
 silent
 specifying
 RMS-11 Introduction 2-3
 System Management 5-2
 I/O Drivers 1-28
 I/O Drivers 1-29
 I/O Drivers 1-18
 Crash Dump Analyzer 3-17
 I/O Drivers 9-8
 I/O Drivers 1-2
 PDP-11 MACRO-11 3-2, 3-5
 PDP-11 MACRO-11 6-52
 Command Language 5-5, 5-8, 5-13
 to 5-15
 System Management 10-9
 Batch and Queue Gloss-5
 I/O Drivers 1-17
 I/O Operations 4-12
 I/O Drivers 1-7
 I/O Operations 2-13
 I/O Drivers 1-21
 MCR Operations 3-116
 System Management 10-29
 Command Language 5-8, 5-18 to
 5-19
 MCR Operations 3-61, 3-187
 System Management 10-51
 MCR Operations 3-187
 System Management 10-51
 MCR Operations 3-59
 MCR Operations 3-39
 MCR Operations 3-62
 Introduction 1-5, Gloss-20
 Command Language 3-3 to 3-6, 3-9
 to 3-10, 9-25
 MCR Operations 3-59
 MCR Operations 3-61
 MCR Operations 3-64
 MCR Operations 3-63
 MCR Operations 3-61
 MCR Operations 3-17
 System Generation 4-5
 System Management 17-32
 Command Language 3-4
 Command Language 3-4
 MCR Operations 3-187
 System Management 10-51
 MCR Operations 3-31
 MCR Operations 3-39

MASTER INDEX

LOGOUT command

LOGTST
 ERROR routines
 <LOGUIC> symbol
 %LOK
 Lookahead function
 Lost file
 recovering
 VFY utility
 Low core memory dump

/LOW switch
 PRI command
 Low-memory context
 /LOWER keyword
 SET command
 VMR
 LOWER_CASE argument
 LowerCase
 character
 converting

mode
 /LOWERCASE job qualifier
 SET QUEUE command
 /LOWERCASE qualifier
 PRINT command
 LP command
 EDI editor
 LP-type printer
 SYSGEN question
 LP11
 LP11 line printer controller
 SYSGEN question
 LP11-K

22-bit addressing
 buffer management
 device-specific QIO
 FORTRAN interface
 I/O status block
 microcode
 time-out
 unloading driver
 LP11-K laboratory subsystem
 microcode version
 on pregenerated kit
 SYSGEN question
 LPS11
 LQP02
 LRL field in FAB
 CREATE operation
 offset
 OPEN operation
 summary
 /LRU keyword
 HOME command
 INI command
 MOUNT command
 LS11
 LS11 line printer controller
 SYSGEN question
 LSB symbolic argument

Introduction 1-21 to 1-22,
 Gloss-20
 Command Language 3-7 to 3-8, 5-13,
 5-45, 9-25

Error Logging 4-23
 MCR Operations 4-14
 Error Logging 5-21
 Error Logging 5-21

Utilities 9-6
 Crash Dump Analyzer 1-6, 3-2,
 3-20

Batch and Queue 2-4
 Task Builder B-10

MCR Operations 3-187
 System Management 10-51
 PDP-11 MACRO-11 8-10
 Introduction 1-18

MCR Operations 3-187
 System Management 10-51
 MCR Operations 4-33

Batch and Queue 2-20

Batch and Queue 2-4

Utilities 2-36

System Generation 3-49
 I/O Drivers 10-2

System Generation 3-49
 I/O Drivers 21-1
 Writing I/O Driver 1-13 to 1-14
 I/O Drivers 21-36
 I/O Drivers 21-32 to 21-33
 I/O Drivers 21-27 to 21-29
 I/O Drivers 21-2 to 21-27
 I/O Drivers 21-30 to 21-32
 I/O Drivers 21-34 to 21-35
 I/O Drivers 21-35
 I/O Drivers 21-35

System Generation 3-70
 System Generation 5-37
 System Generation 3-54
 I/O Drivers 16-1 to 16-2
 I/O Drivers 2-4

RMS-11 Macros 5-20
 RMS-11 Macros 6-24
 RMS-11 Macros 5-79
 RMS-11 Macros 6-54

MCR Operations 3-74
 MCR Operations 3-84
 MCR Operations 3-124
 I/O Drivers 10-2

System Generation 3-49
 PDP-11 MACRO-11 6-19 to 6-20

MASTER INDEX

.LST file type
 .LST module
 \$LUIC
 predefined syntax element in
 MML
 LUN

 See also Logical unit number
 assigning
 assignment
 changing

 displaying

 calculation
 default by TKB
 LUN command
 command line format
 error message
 example
 VMR
 command line format
 example
 LUT
 LV11
 LV11 line printer controller
 SYSGEN question
 LVL field in KEY block
 DISPLAY operation
 offset
 OPEN operation
 summary
 /LW switch
 DMP utility
 LX:

M

M command
 EDI editor
 M error

 summary
 M register
 m symbol
 /MA switch
 RMSCNV utility
 MAC command
 MCR

 See also MACRO-11
 .MAC file type
 MAC task
 See also MACRO-11
 command format
 cross-reference listing
 error message
 listing control
 running by indirect command
 running directly
 Machine code
 binary

Program Development 3-4, 6-11,
 7-3 to 7-4
 Error Logging 4-1

 System Management 12-45
 Introduction 5-11, Gloss-20
 Command Language 5-5, 5-7, 5-18
 to 5-19, 7-57 to 7-58
 MCR Operations 2-10

MCR Operations 2-10

 MCR Operations 3-146
 System Management 10-32
 MCR Operations 3-116
 System Management 10-29
 Error Logging 4-24
 Program Development 4-4 to 4-5
 MCR Operations 3-116
 MCR Operations 3-116
 MCR Operations 3-116
 MCR Operations 3-116
 System Management 10-29
 System Management 10-29
 System Management 10-29
 Writing I/O Driver 2-11, 3-2
 I/O Drivers 10-2

System Generation 3-49

RMS-11 Macros 5-32
 RMS-11 Macros 6-67
 RMS-11 Macros 5-80
 RMS-11 Macros 6-84

Utilities 11-7
 Error Logging 3-2

Utilities 2-38
 PDP-11 MACRO-11 2-3, 3-1 to 3-2,
 3-8
 PDP-11 MACRO-11 D-4
 ODT 2-6, 5-3
 ODT 2-1
 Task Builder 10-26
 RMS-11 Utilities 4-10

Program Development 1-4, 3-1, 3-5,
 6-3

Program Development 3-1
 Program Development 1-4

PDP-11 MACRO-11 8-4 to 8-6
 PDP-11 MACRO-11 8-16
 PDP-11 MACRO-11 8-19 to 8-21
 PDP-11 MACRO-11 8-6 to 8-7
 PDP-11 MACRO-11 8-3
 PDP-11 MACRO-11 8-2

Introduction 4-5 to 4-6, 4-12,
 Gloss-4

MASTER INDEX

Macro

See also DEFINE MACRO

call

cross-reference of symbols
resolution

unrecognized

definition

directive

See also .MACRO directive

expansion

terminating

expansion listing

keyword indicator

library

adding modules

creating a user

definitions

DIGITAL-supplied

force search of

including in assembly

listing information

replacing modules

search of system

library directive

See .MCALL directive

name

nesting

SNAP\$

SNPBK\$

SNPDF\$

symbol

definition

symbol table

Macro call

See also .MCALL directive

argument in

assembly time

file-processing

format

numeric argument indicator

run-time

unary operator in

MACRO CALL command

EDI editor

MACRO command

DCL

See also MACRO-11

EDI editor

Macro definition

argument concatenation

argument in

argument limit

argument passing

attribute

deletion

dummy argument

error notice

EDT Editor 7-4

Introduction 4-13, Gloss-20

RMS-11 Introduction 4-7

PDP-11 MACRO-11 7-1

Program Development 3-7 to 3-8

Program Development 1-4, 1-10,
2-7

Program Development 2-7

EDT Editor 1-5

PDP-11 MACRO-11 7-1

PDP-11 MACRO-11 7-1

PDP-11 MACRO-11 7-3

PDP-11 MACRO-11 6-9

PDP-11 MACRO-11 3-1

Program Development 6-1 to 6-3

Program Development 6-9 to 6-10

Program Development 6-1 to 6-3

Program Development 6-3 to 6-4

Program Development 1-9

PDP-11 MACRO-11 6-20

PDP-11 MACRO-11 8-6

Program Development 6-11 to 6-12

Program Development 6-10 to 6-11

Program Development 1-5, 1-10,
2-7

PDP-11 MACRO-11 7-1

PDP-11 MACRO-11 7-3

Task Builder D-6

Task Builder D-6

Task Builder D-6

PDP-11 MACRO-11 3-6

Program Development 1-4, 1-10,
2-7, 6-4

PDP-11 MACRO-11 3-6 to 3-7

I/O Operations 2-2

PDP-11 MACRO-11 7-4

PDP-11 MACRO-11 7-4 to 7-5

I/O Operations 2-2

I/O Operations 2-2

PDP-11 MACRO-11 7-4

PDP-11 MACRO-11 3-3

I/O Operations 2-2

PDP-11 MACRO-11 7-5

Utilities 2-37

Introduction 4-5, 4-11, 4-13

PDP-11 MACRO-11 8-8 to 8-12

Command Language 6-2 to 6-11,
9-26

Program Development 1-4, 3-1, 3-4,
6-3

Utilities 2-36

PDP-11 MACRO-11 7-1 to 7-4

PDP-11 MACRO-11 7-10 to 7-11

PDP-11 MACRO-11 7-4 to 7-6

PDP-11 MACRO-11 7-8

PDP-11 MACRO-11 7-7

PDP-11 MACRO-11 7-11 to 7-14

PDP-11 MACRO-11 7-21

PDP-11 MACRO-11 7-2

PDP-11 MACRO-11 7-15 to 7-16

MASTER INDEX

Macro definition (Cont.)

- format
- keyword argument
- name
- nesting
- single argument
- special characters in
- .MACRO directive
- MACRO EXECUTE command
 - EDI editor
- MACRO IMMEDIATE command
 - EDI editor
- Macro library
 - RMSMAC.MLB
 - RSTS/E
- Macro MetaLanguage
 - See MML
- Macro name convention
- MACRO-11
 - address mode summary
 - and ODL files
 - assembling source file
 - coding standard
 - /CR
 - cross-reference listing
 - /CROSS_REFERENCE
 - data storage
 - definition
 - default search of system
 - library
 - defining local symbols
 - directive summary
 - directives
 - /DISABLE:GLOBAL
 - disabling global default
 - /DS:GBL
 - error
 - error code
 - A
 - E
 - Q
 - U
 - error code summary
 - error message
 - file specification
 - switch
 - key segments
 - /LIBRARY
 - /LIST
 - listing
 - generation
 - location counter
 - MAC command
 - MCR
 - macro
 - cross-reference
 - library usage
 - symbol
 - MACRO command
 - DCL

- PDP-11 MACRO-11 7-4
- PDP-11 MACRO-11 7-9
- PDP-11 MACRO-11 7-2
- PDP-11 MACRO-11 7-3, 7-5 to 7-6
- PDP-11 MACRO-11 7-16
- PDP-11 MACRO-11 7-6
- PDP-11 MACRO-11 7-1 to 7-2, 7-10

Utilities 2-38

- Utilities 2-38
- Command Language 6-41
- RMS-11 Macros 2-20
- RMS-11 Macros D-3

Executive 1-5

- Program Development 1-5
- RMS-11 User's Guide 1-13
- PDP-11 MACRO-11 B-2
- RMS-11 User's Guide 8-5
- Program Development 3-1 to 3-2
- PDP-11 MACRO-11 E-1 to E-16
- Program Development 1-8, 3-8
- Program Development 1-5, 1-7, 3-7 to 3-8
- Program Development 1-8, 3-7

Program Development 2-8

- Program Development 1-5, 1-10, 2-7
- Program Development 2-7 to 2-8
- PDP-11 MACRO-11 B-3 to B-8
- Program Development 1-4 to 1-5
- Program Development 3-1
- Program Development 3-1 to 3-2
- Program Development 3-1
- Program Development 3-2 to 3-4

- Program Development 3-2 to 3-3
- Program Development 3-4
- Program Development 3-4
- Program Development 3-3
- PDP-11 MACRO-11 D-1 to D-5
- PDP-11 MACRO-11 8-19 to 8-21
- Program Development 3-2, 3-5
- PDP-11 MACRO-11 8-3 to 8-5
- PDP-11 MACRO-11 8-6
- RMS-11 User's Guide 6-7
- Program Development 6-3
- Program Development 3-1, 3-4 to 3-5, 3-7
- Program Development 3-4 to 3-5
- Program Development 3-6
- Program Development 1-4 to 1-5
- Program Development 1-4, 3-1, 3-5, 6-3

- Program Development 3-7 to 3-8
- Program Development 6-3 to 6-4
- Program Development 1-4, 2-7, 6-4

- Program Development 1-4, 3-1, 3-4, 6-3

MASTER INDEX

MACRO-11 (Cont.)

- /ML
- /NOBJECT
- note on software
- /OBJECT
- object module
- obsolete functions
- operating hints
- operating procedures
- placement control
- populating files
- position independent code
- source file
 - cross-referencing symbols
 - CRF utility
 - format
 - skeleton
- source input
- /-SP
- special character summary
- statement format
- symbol
 - cross-reference
 - evaluation
- table of contents generation
- work file
- MACRO-11 Assembler
- MACRO-11 Assembly Language
- MACRO-11 calling sequence
 - manual load
 - I- and D-space tasks
- MACRO-11 programs
 - increasing FSR size
- Macro-declaration macro
- Macro-name
 - defining
- MAG command
 - format
- MAG SET
 - /BS
 - /CC
 - /EOF
 - /POS
 - /REWIND
 - /RS
- MAG SET /EOT
- MAG SET /EOV
- MAG SET /INITIALIZE
- MAG SET /POS
- MAG SET command
 - error messages
 - example
- Magnetic tape
 - See Magtape
 - See also Tape
- Magnetic Tape ACP
 - See MTAACP

- Program Development 6-3 to 6-4
- Program Development 3-1
- Release Notes 1-36
- Program Development 3-4
- Program Development 3-4 to 3-6
- PDP-11 MACRO-11 I-1
- PDP-11 MACRO-11 F-1
- PDP-11 MACRO-11 8-1
- RMS-11 User's Guide 6-14
- RMS-11 User's Guide 6-27
- PDP-11 MACRO-11 G-1
- Program Development 2-2
- Utilities B-1
- Program Development 2-1 to 2-3
- Program Development 2-4
- Program Development 1-4
- Program Development 3-5, 3-8
- PDP-11 MACRO-11 B-1
- PDP-11 MACRO-11 2-1
- Program Development 2-3
- Program Development 3-7 to 3-8
- Program Development 1-4, 3-1 to 3-2, 6-4
- Program Development 2-6
- PDP-11 MACRO-11 F-1
- Command Language 6-2 to 6-11, 9-26, B-2
- Introduction 4-3 to 4-5, 4-12, Gloss-3 to Gloss-4, Gloss-20
- Task Builder 4-7
- Task Builder 4-8 to 4-9
- I/O Operations 2-40
- RMS-11 Macros 2-2
- EDT Editor 7-4
- I/O Operations G-10
- I/O Operations G-10
- I/O Operations G-11
- I/O Operations G-11
- I/O Operations G-16
- I/O Operations G-12, G-16
- I/O Operations G-12
- I/O Operations G-11
- I/O Operations G-11
- I/O Operations G-11
- I/O Operations G-11
- I/O Operations G-10, G-16
- I/O Operations G-13 to G-15
- I/O Operations G-12

MASTER INDEX

Magtape

See also Medium
See also Tape
access protection
specifying
ANSI

mounting
protection
 overriding
 specifying
block size
character translation
closing a file
closing volume
density
 IOX
 specifying
density selection
device-specific QIO
DT-type
 SYSGEN question
examples
exercise
 example
 using SELECT
exercising
 in IOX
expiration date
 overriding
Files-11
 initializing
 owner
 specifying
HDR3 label
 specifying
label
list of
MM-type
 SYSGEN question
mounting

MS-type
 SYSGEN question
MT-type
multiple-file operations
overriding FCS defaults
P/OS
position to EOT
positioning
 See also FB\$NEF mask in
 FOP field
 See also FB\$POS mask in FOP
 field
 See also RB\$EOF mask in ROP
 field
processing examples

I/O Operations 5-4
Command Language 1-10, 5-4, 5-12,
 5-27
I/O Drivers 8-1
RMS-11 Introduction 2-4
RMS-11 Macros 3-2, 5-20, 5-37,
 5-43, 5-77, 5-88, 5-104,
 5-111, 5-118

MCR Operations 3-79
Command Language 5-4, 5-34 to
 5-36
RMS-11 Macros 3-2, 5-20, 5-37,
 5-43, 5-77, 5-88, 5-104,
 5-111, 5-118
MCR Operations 3-119

MCR Operations 3-125
MCR Operations 3-124
MCR Operations 3-122
MCR Operations 3-127
I/O Operations 5-8
I/O Operations 4-25

System Management 4-32
MCR Operations 3-81
I/O Drivers 8-15
I/O Drivers 8-4 to 8-9

System Generation 3-46
I/O Operations 5-9 to 5-10

System Management 4-11
System Management 4-11

System Management 4-2

MCR Operations 3-125
MCR Operations 2-1
MCR Operations 3-78

MCR Operations 3-85

MCR Operations 3-123
RMS-11 Introduction 2-5
I/O Drivers 8-2

System Generation 3-35
Command Language 5-38 to 5-40
MCR Operations 3-117

System Generation 3-45
System Generation 3-51
I/O Operations 5-6
I/O Operations 5-6 to 5-7
RMS-11 Macros D-3
I/O Operations 4-25
I/O Operations 5-5, G-11

I/O Operations 5-7

MASTER INDEX

Magtape (Cont.)

- reading a file
- reading IBM record
 - number of characters specifying
 - type specifying
- records tested
- retries upon error
- rewind-after-closing
 - See FB\$RWC mask in FOP field
- rewind-before-creating
 - See FB\$RWO mask in FOP field
- rewind-before-opening
 - See FB\$RWO mask in FOP field
- rewinding
- rewinding file on
- RMSBCK utility
 - multivolume
- RMSCNV utility
- RMSDEF utility
- RMSDES utility
- RMSDSP utility
- RMSRST utility
- select recovery
- set
 - naming
- single-file operations
- standard QIO
- status return
- Tall cassette
 - SYSGEN question
- tape mark
- TE16
 - SYSGEN question
- testing
 - altering record count
- translation
- TS11
 - SYSGEN question
- TSV05
 - SYSGEN question
- TU16/45/77
 - SYSGEN question
- TU58
 - SYSGEN question
- TU80
 - SYSGEN question
- unlabeled
 - specifying
- volume

Magtape ACP
 See MTAACP

Magtape block size
 See BLS field in FAB

Magtape Control Task

Magtape kit

- contents
- copying
 - on line
 - stand alone

Magtape position

Magtape volume

- access
- ANSI

I/O Operations 5-8
 I/O Operations G-18 to G-19

MCR Operations 3-126

MCR Operations 3-122
 System Management 4-51
 System Management 4-54

I/O Operations 4-25
 I/O Operations 4-25
 RMS-11 Utilities 6-7
 RMS-11 Utilities 6-9
 RMS-11 Utilities 4-8
 RMS-11 Utilities A-8, A-10
 RMS-11 Utilities 2-34
 RMS-11 Utilities 5-3
 RMS-11 Utilities 7-8 to 7-9
 I/O Drivers 8-13
 MCR Operations 3-119
 MCR Operations 3-120
 I/O Operations 5-5
 I/O Drivers 8-4
 I/O Drivers 8-10 to 8-12

System Generation 3-45
 RMS-11 Introduction 2-5

System Generation 3-35

System Management 4-51
 I/O Operations G-16

System Generation 3-45

System Generation 3-45

System Generation 3-35

System Generation 3-48

System Generation 3-45

MCR Operations 3-124
 RMS-11 Introduction 2-5

I/O Operations G-10

System Generation 2-5

System Generation 2-14
 System Generation 2-7
 I/O Operations 2-15

I/O Operations 5-4
 Command Language 5-4, 5-34 to 5-36

MASTER INDEX

Magtape volume (Cont.)
 creating multiple file
 labeled
 rewinding
 unlabeled

 Magtape volume set
 rewinding
 MAGTAPE BLOCK SIZE
 RMSDES utility
 /MAIN keyword
 SET command
 MAIN text buffer
 inserting text into
 .MAIN. default name
 Maintaining files
 backing up files
 converting files
 designing and creating files
 displaying files
 loading files
 restoring files
 Manual load
 calling sequence
 error handling
 FORTRAN calling sequence
 for I- and D-space task
 MACRO-11 calling sequence
 I- and D-space tasks
 /MANUAL switch
 BAD utility
 FMT utility
 Map
 common
 debugging use
 examining at terminal
 file
 adding cross-reference to a
 content
 description
 example
 general
 inhibiting spooling of a
 printing
 specifying
 full
 generating
 including SYSLIB contribution
 microcode loader
 multiuser task
 nonprivileged task build
 overlaid I- and D-space task
 privileged task
 privileged task build
 reducing width
 region
 resident region
 including symbol definition
 short
 specifying a
 spooling to print
 stack limits
 standard
 task
 I- and D-space
 linked to a common

 I/O Operations 5-6
 Command Language 1-10, 5-4, 5-12,
 5-35 to 5-36
 I/O Operations 5-5
 Command Language 5-4, 5-35 to
 5-36

 I/O Operations 5-5

 RMS-11 Utilities 2-34

 MCR Operations 3-188
 EDT Editor 1-2
 EDT Editor 2-1, 6-6
 PDP-11 MACRO-11 6-15
 RMS-11 User's Guide 1-10, 1-12
 RMS-11 User's Guide 1-10, 1-12
 RMS-11 User's Guide 1-10, 1-12
 RMS-11 User's Guide 1-10, 1-12
 RMS-11 User's Guide 1-10, 1-12
 RMS-11 User's Guide 1-10, 1-12
 RMS-11 User's Guide 1-10, 1-12

 Task Builder 4-7 to 4-8
 Task Builder 4-12
 Task Builder 4-9 to 4-10
 Task Builder 4-11
 Task Builder 4-7
 Task Builder 4-8 to 4-9

 Utilities 6-6
 Utilities 5-8

 Task Builder 5-19
 Program Development 5-2, 5-8
 Program Development 4-6

 Task Builder 10-11
 Task Builder 10-37 to 10-43
 Task Builder 10-37 to 10-43
 Task Builder 10-37 to 10-43
 Task Builder 10-37 to 10-43
 Task Builder 10-45
 Task Builder 1-2
 Task Builder 10-26
 Program Development 4-7
 Program Development 4-5 to 4-7
 Task Builder 10-26
 System Generation 3-70
 Task Builder 9-7
 System Generation 3-74
 Task Builder 7-12 to 7-16
 Task Builder 6-10 to 6-11
 System Generation 3-70
 Program Development 4-5 to 4-6
 Task Builder 5-19

 Task Builder 10-26

 Task Builder 10-37 to 10-43
 Task Builder 10-45
 Program Development 5-8
 Program Development 4-5 to 4-6

 Task Builder 7-9
 Task Builder 5-24

MASTER INDEX

Map Address Window directive	Executive 5-100
.MAP file type	Program Development 4-6
MAP macro	
MML	System Management 12-31 to 12-34
Map Supervisor D-Space directive	Executive 5-107
MAP\$	Executive 5-101
Mapped	
array	
area	Task Builder 5-56, 5-58
declaration	Task Builder A-10
declaration entry	Task Builder A-10
region	
declaring address window	Task Builder 11-41
system	Task Builder 2-14, 2-18
Mapped system	Executive 3-2
definition	System Generation 1-10
<MAPPED> symbol	MCR Operations 4-9
Mapping	
APRO	Executive 3-20
concept	Task Builder 2-22
conventional task	
supervisor-mode library	Task Builder 2-26 to 2-27
conventional task linked to	
region	
I- and D-space system	Task Builder 7-3
DCL to MCR	System Management 12-20 to 12-25, 12-34
I- and D-space task	Task Builder 7-3 to 7-4
in I- and D-space system	Task Builder 7-4
I/O page	Executive 3-20
in supervisor-mode	Task Builder 2-24
privileged tasks	Executive 3-20
task	Task Builder 2-15
Mapping context	Executive 5-86
Mapping pointer	
file window	
allocating	MCR Operations 3-76, 3-86, 3-130
.MARK	I/O Operations 4-18 to 4-19
Mark Time directive	Executive 5-103
Mark time request	Crash Dump Analyzer 3-50
Mark-for-deletion	
See FB\$MKD mask in FOP field	
Mask register	ODT 2-6, 5-3
Mask symbol	
See Code and mask symbol	
Mask word	
creating	Writing I/O Driver 4-21
I/O function	Writing I/O Driver 4-21
Mass insertion	RMS-11 User's Guide 2-18, 6-28, 7-9
See also RB\$MAS mask in ROP field	
populating indexed files	RMS-11 User's Guide 6-29
RMSCNV utility	RMS-11 Utilities 4-10
Mass Storage Control Protocol	
See MSCP	
Mass storage device errors	Error Logging 1-1
Mass-storage device	Introduction 1-13, 3-2, 3-8, 5-6, 5-11, Gloss-21
	RMS-11 Introduction 2-1
MASSBUS	
controller	Writing I/O Driver 1-13
mixed device	Writing I/O Driver 1-12
Master command table	
DCL	System Management 12-6 to 12-12, 12-17 to 12-20, 12-46 to 12-47

MASTER INDEX

Master File Directory
 See also MFD
 Master File Directory Header
 Match criterion
 See also RB\$KGE mask in ROP
 field
 random access
 MAXBUF option
 /MAXEXT keyword
 SET command
 VMR
 /MAXIMUM qualifier
 BRU utility
 Maximum record number
 See also MRN
 RMSDEF utility
 Maximum record size
 RMSDEF utility
 /MAXPKT keyword
 SET command
 /MB switch
 CMP utility
 MBC
 sequential files
 MBC field in RAB
 CONNECT operation
 offset
 summary
 MBF field in RAB
 CONNECT operation
 offset
 summary
 .MBLUN
 reserved global symbol
 MC command
 EDI editor
 /MC switch
 Indirect
 MC symbolic argument
 .MCALL assembler directive

 using with user macro library
 MCL symbolic argument
 MCR

CLI default
 command
 summary
 testing in UETP
 command line
 interface
 linking
 debugger
 ODT
 ODTID
 supervisor libraries
 mapping to DCL

I/O Operations 5-2
 I/O Operations E-2
 RMS-11 Introduction 3-12

 RMS-11 User's Guide 5-13
 Task Builder 11-23

 MCR Operations 3-190
 System Management 10-53

 Utilities 7-18

 RMS-11 Utilities A-9
 RMS-11 Utilities A-9
 MCR Operations 3-191
 Utilities 12-3
 RMS-11 User's Guide 2-17
 RMS-11 User's Guide 3-15

 RMS-11 Macros 5-6
 RMS-11 Macros 6-115
 RMS-11 Macros 6-125

 RMS-11 Macros 5-6
 RMS-11 Macros 6-115
 RMS-11 Macros 6-126

 Task Builder E-1

 Utilities 2-37

 MCR Operations 4-19
 PDP-11 MACRO-11 6-11
 RMS-11 Macros 2-2
 PDP-11 MACRO-11 7-20
 Program Development 1-10, 2-6 to
 2-7, 3-3
 I/O Drivers 1-17
 Program Development 6-3 to 6-4
 PDP-11 MACRO-11 6-20
 EDT Editor 2-2
 Introduction 1-5, 1-8, 4-1,
 Gloss-21
 Command Language 1-1 to 1-2, B-1
 Program Development 1-1 to 1-3
 System Management 7-1, 7-12 to
 7-13, 11-1 to 11-2, 11-5,
 12-1, 12-20 to 12-25, 12-34
 System Management 2-3

 MCR Operations 1-5
 System Management 9-3
 EDT Editor 4-4
 MCR Operations 1-5

 ODT 8-1
 ODT 1-2
 ODT 1-3
 ODT 1-4
 System Management 12-20 to 12-25,
 12-34

MASTER INDEX

- MCR (Cont.)
 - mode
 - new features
 - relationship with VMR
 - terminal
 - specifying
- MCR command
- MCR dispatching algorithm
- /MCR keyword
 - HELP command
 - SET command
- MCR Operations Manual
 - documentation correction
- MCR qualifier
- MCR SSM command
 - See also SSM command
- MCR unit control block
- /MD switch
 - DMP utility
- MD symbolic argument
- .MDELETE directive
- /ME switch
 - PIP utility
- ME symbolic argument
- MEB symbolic argument
- Media
 - blank
 - requirement
 - failure
- Medium
 - and I/O time
 - and record formats and
 - file organizations
 - and variable-length format
 - disk
 - file specification
 - retrieval pointers
 - usage
 - magtape
 - file specification
 - placement control
 - sequential files
 - unit-record device
- Member Number Identification
 - definition
- Memory
 - accessing
 - allocation
 - I- and D-space task
 - allocation file
 - See Map file
 - box
 - adding
 - failure
 - recovering
 - information
 - displaying
 - removing
 - compacting space
 - See SHF
 - compaction
 - display
 - See RMD
 - dump
- MCR Operations 4-32
 - Release Notes 1-2
 - System Management 10-1
- MCR Operations 3-192
 - Command Language 1-7, 9-25
 - Executive 5-5
- MCR Operations 3-68
- MCR Operations 3-192
- Release Notes 1-55
 - EDT Editor 4-6
 - Error Logging 1-3
- Crash Dump Analyzer 3-26
- Utilities 11-7
 - PDP-11 MACRO-11 6-11
 - PDP-11 MACRO-11 7-21
- Utilities 3-9, 3-28
 - PDP-11 MACRO-11 6-11
 - PDP-11 MACRO-11 6-11
 - Introduction 5-11 to 5-12,
 - Gloss-21
- System Generation 2-2
- System Management 15-28
- RMS-11 User's Guide 2-3
- RMS-11 User's Guide 1-20
- RMS-11 User's Guide 2-15
- RMS-11 User's Guide 1-18
- RMS-11 User's Guide A-1
- RMS-11 User's Guide 8-11
- RMS-11 User's Guide 8-13
- RMS-11 User's Guide 1-18
- RMS-11 User's Guide A-4 to A-5
- RMS-11 User's Guide 6-13
- RMS-11 User's Guide 3-3
- RMS-11 User's Guide 1-18, A-1
- System Management B-2
 - Introduction 5-4, 5-6, 5-9,
 - Gloss-21
- MCR Operations 3-140
- Task Builder 7-9
- System Management 15-23
- System Management 15-31
- System Management 15-9
- System Management 15-20
- System Generation C-2
- Task Builder D-1

MASTER INDEX

Memory (Cont.)

- dynamic
- failure
- fill command
- image
- layout
 - unmapped system
- limit register
- list command
- listing format
- management
 - specifying for target system
- parity support
- partitions
- physical
 - disk-resident overlay
 - memory-resident overlay
 - overlay
- reducing to build a task
- reducing usage of
- resident overlay structure
- saving
 - overlaid task
- search
- search command
- size
 - SYSGEN question
- virtual allocation
 - I- and D-space task
- Memory allocation
- Memory allocation file
 - See Map
- Memory errors
 - error logging
 - pregenerated systems
- Memory management
 - See also Virtual memory management
 - core blocks release (\$RLCB)
 - core blocks request (\$RQCB)
 - directives
 - initialize (\$INIDM)
 - use by task
- Memory Management Unit
- Memory resident common region
 - preserving changes to
- Memory word
- Memory-resident
 - .overlay
 - loading
 - overlay
- task
- Memory-Resident Library
 - See DAPRES, RMSRES, and RMSSEQ
- /MEMSIZ
- <MEMSIZ> symbol
- MERGE
 - See CONVERT command
- Merged string
- Merging file
 - PIP utility

- System Generation C-4
- System Management 15-31
- ODT 2-9, 6-4
- Task Builder 2-8 to 2-9
- Task Builder 2-16
- ODT 2-6, 5-3, 6-1
- ODT 2-9, 6-4
- ODT 6-5
- Task Builder 10-27
- System Generation C-4
- System Generation C-1
- Task Builder 3-3 to 3-4
- Task Builder 3-6
- Task Builder 3-5, 3-33 to 3-35
- Task Builder F-4
- Task Builder 3-1
- Task Builder 3-6
- Task Builder 3-9 to 3-10
- ODT 6-3
- ODT 2-8, 2-10 to 2-11
- System Generation 3-29
- Task Builder 7-10
- PDP-11 MACRO-11 6-46
- Error Logging 1-1
- Error Logging 1-6
- Error Logging 1-6
- System Library 7-1
- Executive 3-1 to 3-2, 3-4, 3-12
- System Library 7-4
- System Library 7-3
- Executive 3-9 to 3-11
- System Library 7-2
- Task Builder 2-15 to 2-16
- Task Builder 2-14
- Executive 5-34
- Introduction Gloss-36
- Task Builder 4-1
- Task Builder 3-1
- RMS-11 User's Guide 1-13, 8-3, 8-6
- Introduction 5-7, 5-9, Gloss-2
- Crash Dump Analyzer 2-6
- MCR Operations 4-11
- RMS-11 Macros 3-3
- Utilities 3-9

MASTER INDEX

/MESSAGE	
keyword	
CLI command	MCR Operations 3-40
subkeyword	
CLI command	MCR Operations 3-39
Message	
diagnostic	
eliminating	Task Builder 10-30
error	Command Language A-1
	Task Builder H-1
CON	System Management 15-36
HRC	System Management 15-38
virtual memory system	Task Builder F-5
Indirect	MCR Operations 4-57
inhibiting system queuing of	Task Builder 10-35
invocation	ODT 1-4
MCR	MCR Operations A-1
MCR command	
ABORT	MCR Operations 3-4
ACS	MCR Operations 3-9
ALLOCATE	MCR Operations 3-13
ASSIGN	MCR Operations 3-18
BOOT	MCR Operations 3-25
BROADCAST	MCR Operations 3-30
BYE	MCR Operations 3-32
CLI	MCR Operations 3-41
DEBUG	MCR Operations 3-47
DISMOUNT	MCR Operations 3-53
FIX	MCR Operations 3-56
FLA	MCR Operations 3-58
HELLO	MCR Operations 3-64
HELP	MCR Operations 3-71
HOME	MCR Operations 3-77
INI	MCR Operations 3-87
INSTALL	MCR Operations 3-101
LOAD	MCR Operations 3-110
LOGIN	MCR Operations 3-64
LUN	MCR Operations 3-116
MOUNT	MCR Operations 3-131
OPEN	MCR Operations 3-141
REASSIGN	MCR Operations 3-146
REDIRECT	MCR Operations 3-147
REMOVE	MCR Operations 3-149
RESUME	MCR Operations 3-150
RUN	MCR Operations 3-159
SAVE	MCR Operations 3-163
SET	MCR Operations 3-217
TAS	MCR Operations 3-224
UFD	MCR Operations 3-228
UNFIX	MCR Operations 3-230
UNLOAD	MCR Operations 3-231
recording	
by Console Logger	System Management 3-2
RMSBCK utility	RMS-11 Utilities C-1
RMSCNV utility	RMS-11 Utilities C-1
RMSDEF utility	RMS-11 Utilities A-20
RMSDES utility	RMS-11 Utilities 2-52
RMSDSP utility	RMS-11 Utilities C-1
RMSIFL utility	RMS-11 Utilities C-1
RMSRST utility	RMS-11 Utilities C-1
sending	MCR Operations 3-27
time limit	MCR Operations 3-27
size for console output	System Management 3-2
time-stamping	
by Console Logger	System Management 3-2
TKTN	MCR Operations 3-5, A-1
VMR	System Management 10-76

MASTER INDEX

Message formatting
 ASCII string
 carriage return/line feed
 insertion
 date conversion (\$DAT)
 edit directive (\$EDMSG)
 extended ASCII
 field mark
 file name string
 form feed insertion
 general
 space insertion
 length of
 time conversion (\$TIM)
 upper case text (\$CVTUC)
 MESSAGE statement
 Message-oriented communication
 device-specific QIO
 driver
 full-duplex
 half-duplex
 redundancy checking
 standard QIO
 status return
 transmission validation
 Messages
 ERLCFL
 Metalanguage
 general description
 .MEXIT directive
 MFD

 contents
 /MH switch
 LBR utility
 Minus operator
 Minus sign (-) command
 EDT editor
 Minus sign (-) operator
 Misplaced word
 correcting with DEL W and UND W
 Mistake
 correcting after COMMAND:
 prompt
 typing
 Mixed MASSBUS
 definition
 SYSGEN question
 Mixed MASSBUS configuration
 MK:
 pseudo device
 /ML assembler switch
 /ML switch
 RMSCNV utility
 ML-11 disk
 SYSGEN question
 .MLB file type
 /MM switch
 MM-type magtape
 SYSGEN question

 System Library 6-1
 System Library 6-7

 System Library 6-9
 System Library 6-2
 System Library 6-5
 System Library 6-8
 System Library 6-12
 System Library 6-11
 System Library 6-8
 System Library 6-5
 System Library 6-10
 System Library 6-12
 System Library 6-3
 System Library 6-1
 Error Logging 5-41

 I/O Drivers 12-5 to 12-7
 I/O Drivers 12-1
 I/O Drivers 12-11
 I/O Drivers 12-11
 I/O Drivers 12-11
 I/O Drivers 12-5
 I/O Drivers 12-8 to 12-10
 I/O Drivers 12-11

 Error Logging 5-44
 System Management 12-12
 System Management 12-13 to 12-15
 PDP-11 MACRO-11 7-3
 Introduction 5-12, Gloss-11,
 Gloss-21
 Command Language 4-1, 5-11, 5-65
 MCR Operations 2-2
 MCR Operations 2-2

 Utilities 10-22
 PDP-11 MACRO-11 3-4

 Introduction 2-13 to 2-14
 ODT 2-3 to 2-4

 EDT Editor 5-29

 EDT Editor 5-47
 Introduction 1-8 to 1-9

 System Generation 1-13
 System Generation 3-32
 Error Logging 4-33

 Command Language 5-6
 RMS-11 Macros 2-20
 PDP-11 MACRO-11 8-6 to 8-7
 RMS-11 Utilities 4-11
 I/O Drivers 5-4
 System Generation 3-35
 Program Development 6-1
 Task Builder 10-27

 System Generation 3-35

MASTER INDEX

MML

AND macro
 BC macro
 BCT macro
 BS macro
 BST macro
 CBM macro
 CCBM macro
 COP macro
 DIR macro
 DMAP macro
 ERR macro
 HLP macro
 MAP macro
 NO macro
 OCOP macro
 OPT macro
 OPTR macro
 predefined syntax elements
 PRO macro
 QUA macro
 TST macro
 Mnemonic
 device
 Mode
 See also Access mode
 See also Address mode
 See also Record transfer mode
 change
 EDT editor
 compatibility
 in a task
 Indirect operating
 disabling
 enabling
 initial setting
 list
 testing
 line
 EDT editor
 Mode-switching
 to supervisor-mode
 vector
 supervisor library
 Modem
 Modify option
 ACNT
 Modifying
 commands
 DCL
 Modularity
 program
 Module
 extracting from library
 linking
 name
 name entry format
 object
 extracting by name
 linking
 placing in segment
 reducing overhead
 record
 end of

System Management 12-5 to 12-6,
 12-9, 12-15 to 12-17
 System Management 12-25 to 12-26
 System Management 12-26
 System Management 12-27
 System Management 12-26
 System Management 12-27 to 12-28
 System Management 12-28
 System Management 12-28
 System Management 12-29
 System Management 12-30
 System Management 12-31 to 12-34
 System Management 12-30
 System Management 12-31
 System Management 12-31 to 12-34
 System Management 12-35
 System Management 12-29
 System Management 12-35 to 12-36
 System Management 12-35 to 12-36
 System Management 12-39 to 12-45
 System Management 12-36 to 12-37
 System Management 12-37 to 12-38
 System Management 12-39
 Introduction Gloss-21
 System Generation 2-3

Introduction 2-3, 2-17, Gloss-6

Task Builder 10-8

MCR Operations 4-31
 MCR Operations 4-32
 MCR Operations 4-32
 MCR Operations 4-32
 MCR Operations 4-40

Introduction 2-4, Gloss-19

Task Builder 8-8, 8-12 to 8-13

Task Builder 8-1, 8-19
 I/O Drivers 2-42, 3-32

System Management 2-5 to 2-6

System Management 12-12

PDP-11 MACRO-11 6-43

Task Builder 10-23
 Task Builder 2-3
 Task Builder A-4
 Task Builder A-4

Task Builder F-4
 Task Builder 2-1

Task Builder F-4

Task Builder A-24

MASTER INDEX

Module name	Program Development 2-3, 2-5, 6-5 to 6-7
table	Program Development 6-9 to 6-10
macro library	Program Development 6-2 to 6-3
object library	Program Development 6-5, 6-7
MODULE statement	Error Logging 5-32
Module version	Program Development 2-5
.MOLUN	
reserved global symbol	Task Builder E-1
Monitor	Introduction Gloss-22
level	Introduction 2-2, 3-7
Monitor Console Routine	
See MCR	
MOU command	MCR Operations 3-117
/MOU keyword	
SAVE command	MCR Operations 3-163
MOUNT command	Command Language 5-4, 5-9, 5-12 to 5-13, 5-26 to 5-42, 9-27 to 9-28
	MCR Operations 3-117
command line format	
ANSI magtape	MCR Operations 3-119
Files-11	MCR Operations 3-118
error message	MCR Operations 3-131
example	MCR Operations 3-130
keyword	
/ACP	MCR Operations 3-121
ANSI magtape	MCR Operations 3-121
/BS	MCR Operations 3-122
/CC	MCR Operations 3-122
/DENS	MCR Operations 3-122
/EXT	MCR Operations 3-122
Files-11	MCR Operations 3-119
/FOR	MCR Operations 3-123
/FPRO	MCR Operations 3-123
/HDR3	MCR Operations 3-123
/LABEL	MCR Operations 3-124
/LOCK	MCR Operations 3-124
/LRU	MCR Operations 3-124
/OVR	MCR Operations 3-125
/OVRACC	MCR Operations 3-125
/OVREXP	MCR Operations 3-125
/OVRSFID	MCR Operations 3-125
/PARM	MCR Operations 3-126
/PRO	MCR Operations 3-126
/PUB	MCR Operations 3-126
/RS	MCR Operations 3-126
/SHARE	MCR Operations 3-127
/TR	MCR Operations 3-127
/UIC	MCR Operations 3-127
/UNL	MCR Operations 3-128
/VI	MCR Operations 3-128
/VOL	MCR Operations 3-129
/WAIT	MCR Operations 3-129
/WIN	MCR Operations 3-130
/WRITE	MCR Operations 3-130
supported device	MCR Operations 3-117
Mount Device Transaction Block	System Management 17-30
MOUNT/FOREIGN command	
Shadow Recording	System Management 18-3
/MOUNTED qualifier	
BRU utility	Utilities 7-18
Mounted volume	Command Language 5-9, 5-13
MOVE command	EDT Editor 2-35, 7-11
EDT editor	Introduction 2-10 to 2-11

MASTER INDEX

Move mode

- GET\$
- GET\$ operations
- indexed files
- PUT\$
- relative files
- sequential files
- Move To/From User/Supervisor
- I/D-Space directive
- Moving
 - text
 - EDT editor
- Moving the cursor
 - keypad editing
 - nokeypad editing
- /MP switch
- \$MPUB1 routine
- \$MPUBM routine
- .MRKDL
- \$\$MRKS
- PSECT
 - reserved PSECT name
- MRKT\$
- MRL field in KEY block
 - DISPLAY operation
 - offset
 - OPEN operation
 - summary
- MRN
 - relative files
- MRN field in FAB
 - CREATE operation
 - offset
 - OPEN operation
 - summary
- MRS field in FAB
 - CREATE operation
 - offset
 - OPEN operation
 - summary
- MS-type magtape
- SYSGEN question
- MSCP
 - controller
 - SYSGEN question
 - disk
 - SYSGEN question
 - RCT
 - address space
 - bad block handling
 - driver
 - command ring
- MSCP60
- MSCP80
- MSCPAT
- MSCPE
- MSCPEN
- MSCPSD
- MSCPTO
- MSDS\$
- MT-type magtape
 - SYSGEN question
- MTAACP

- I/O Operations 1-6
- RMS-11 Introduction 4-6
- I/O Operations 3-18
- I/O Operations 3-21
- RMS-11 User's Guide 7-7
- I/O Operations 3-26
- RMS-11 User's Guide 4-12
- RMS-11 User's Guide 3-13

Executive 5-110

Introduction 2-11

- EDT Editor 2-9, 5-12 to 5-21
- EDT Editor 2-37, 8-13
- Task Builder 10-28
- Writing I/O Driver 7-30
- Writing I/O Driver 7-29
- I/O Operations 4-23

- Task Builder 5-52
- Task Builder E-3
- Executive 5-103

- RMS-11 Macros 5-32
- RMS-11 Macros 6-68
- RMS-11 Macros 5-80
- RMS-11 Macros 6-85
- RMS-11 User's Guide 1-19
- RMS-11 User's Guide 4-4 to 4-5

- RMS-11 Macros 5-13
- RMS-11 Macros 6-24
- RMS-11 Macros 5-79
- RMS-11 Macros 6-55

- RMS-11 Macros 5-12
- RMS-11 Macros 6-24
- RMS-11 Macros 5-79
- RMS-11 Macros 6-56

System Generation 3-45

System Generation 3-42

System Generation 3-42

- System Management 5-2
- System Management 5-3

System Generation 3-43

- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-9
- Executive 5-107

- System Generation 3-51
- Command Language 5-34, 5-38 to 5-40

MASTER INDEX

MTADFS

- /MU switch
- \$MUL (Integer multiply)
- Multiline input
- Multiblock count
 - See MBC
 - See also MBC field in RAB
- Multibuffer count
 - See MBF field in RAB
- Multidirectory device
 - See FB\$MDI mask in DEV field
- Multiple
 - buffer
 - file
- Multiple access operation
 - data base structures
- Multiple access streams
 - and shared access
 - I/O techniques
 - indexed files
 - relative files
 - sequential files
- Multiple areas
 - RMSDES utility
- Multiple buffer count
 - parameter to FDBF\$A
 - parameter to FSRSZ\$
- Multiple buffering
 - effect on FSRSZ\$
 - read-ahead
 - type of
 - versus single buffering
 - write-behind
- Multiple buffers
 - indexed files
 - relative files
 - sequential files
- Multiple controller
- Multiple definition error
 - See M error
- Multiple expression
- Multiple file systems
- Multiple keys
 - RMSDES utility
- Multiple label
- Multiple symbol
- Multiple-buffered record I/O
- Multiple-tree
 - example
 - structure
 - defining a
- Multiplexer
 - asynchronous serial line
 - DH11/DHV11
 - SYSGEN question
 - DJ11
 - SYSGEN question
 - DZ11/DZV11
 - SYSGEN question
 - Q BUS
- Multiplication operator
- Multiply routine
 - double-precision multiply (\$DMUL)
 - multiply (\$MUL)

- Crash Dump Analyzer C-35
- Writing I/O Driver A-35 to A-38
- Task Builder 10-29
- System Library 3-1
- Task Builder 1-3

- EDT Editor 1-8, 2-32
- EDT Editor 1-8, 2-32

- Writing I/O Driver 2-8, 2-10

- RMS-11 User's Guide 2-9 to 2-10
- RMS-11 User's Guide 2-17
- RMS-11 User's Guide 7-10
- RMS-11 User's Guide 4-15
- RMS-11 User's Guide 3-15

- RMS-11 Utilities 2-7, 2-43

- I/O Operations 2-18
- I/O Operations 2-38
- I/O Operations 1-6, 3-10
- I/O Operations 2-37
- I/O Operations 1-7, 2-18
- I/O Operations 2-18
- I/O Operations 1-7
- I/O Operations 2-19
- RMS-11 User's Guide 2-18
- RMS-11 User's Guide 7-9
- RMS-11 User's Guide 4-15
- RMS-11 User's Guide 3-14
- Writing I/O Driver 1-7

- PDP-11 MACRO-11 2-4
- System Generation C-5

- RMS-11 Utilities 2-7, 2-38
- PDP-11 MACRO-11 2-2
- PDP-11 MACRO-11 2-4
- I/O Operations 3-10

- Task Builder 3-32
- Task Builder 3-31 to 3-32
- Task Builder 3-31 to 3-32

- I/O Drivers 2-40, 3-29 to 3-30

- System Generation 3-58

- System Generation 3-60

- System Generation 3-61
- I/O Drivers 2-40
- PDP-11 MACRO-11 3-2, 3-5

- System Library 3-3
- System Library 3-1

MASTER INDEX

Multiprocessor system
 task issuing I/O request
 Multiprogramming
 Multisegment task
 See Overlay
 Multiuser
 Multiuser system
 Multiuser task

as an overlaid task
 building a
 declaring read-only partition
 for
 defined
 disk image
 example
 example map
 I- and D-space
 APR allocation
 PSECT allocation
 PSECT in
 windows
 program section allocation
 specifying a
 TKB command sequence
 window block assignment

MUNG qualifier
 EDIT command

MVTSS\$
 /MXF keyword
 HOME command
 INI command

N

N command
 N error
 summary
 n symbol
 N\$-family macro
 declaring
 example
 N.OVPT
 low-memory context
 reserved global symbol
 N.STAT
 wildcard .FIND operations
 NAM block
 chaining to FAB
 declaring
 file specification
 identification by
 See FB\$FID mask in FOP field
 initializing
 summary
 NAM field in FAB
 chaining NAM block to FAB
 CREATE operation
 ENTER operation
 ERASE operation
 offset
 OPEN operation
 PARSE operation
 REMOVE operation
 RENAME operation

Writing I/O Driver 1-16
 Introduction 5-8, Gloss-22

Introduction Gloss-22
 Introduction 5-1
 Command Language 6-73
 Task Builder 2-28, 9-1
 Task Builder 9-2
 Task Builder 9-5

Task Builder 11-33
 Task Builder 9-1
 Task Builder 9-2
 Task Builder 9-6 to 9-7
 Task Builder 9-7
 Task Builder 9-3
 Task Builder 9-3
 Task Builder 9-4
 Task Builder 9-3
 Task Builder 9-5
 Task Builder 9-1 to 9-2
 Task Builder 10-29
 Task Builder 9-7
 Task Builder 9-1, 9-3

Command Language 4-20 to 4-22,
 9-16
 Executive 5-110

MCR Operations 3-75
 MCR Operations 3-84

ODT 2-10, 6-3
 PDP-11 MACRO-11 3-15
 PDP-11 MACRO-11 D-4
 ODT 2-1 to 2-2
 RMS-11 Macros 2-9
 RMS-11 Macros C-2
 RMS-11 Macros 7-3, 7-7, 7-11,
 7-15

Task Builder B-10
 Task Builder E-1
 I/O Operations 4-11, B-3 to B-4
 I/O Operations 4-13
 RMS-11 Introduction 4-8
 RMS-11 Macros 2-12
 RMS-11 Macros 2-8
 RMS-11 User's Guide A-6

RMS-11 Macros 2-9
 RMS-11 Macros 6-94

RMS-11 Macros 2-12
 RMS-11 Macros 5-9
 RMS-11 Macros 5-35
 RMS-11 Macros 5-40
 RMS-11 Macros 6-24
 RMS-11 Macros 5-72
 RMS-11 Macros 5-86
 RMS-11 Macros 5-102
 RMS-11 Macros 5-108

MASTER INDEX

NAM field in FAB (Cont.)

SEARCH operation
summary
NAM\$B macro
example

NAM\$E macro
declaring
example

NAME

RMSDES utility
file section
key section

Name

file
default
global symbol
.NAME directive
attribute
DSK
GBL
NODSK
NOGBL
example of use of

/NAME keyword
HOME command
/NAME log file qualifier
SUBMIT command
/NAME qualifier
\$PRINT card
SHOW QUEUE command
\$SUBMIT card
SUBMIT command

/NAME:jobname qualifier
PRINT command

Named variable

NAMOF\$ macro

.NARG directive
example

NB condition test argument

NB\$-family symbol
declaring

NB\$DEV mask in FNB field

CREATE operation
ENTER operation
ERASE operation
OPEN operation
PARSE operation
REMOVE operation
RENAME operation
value

NB\$DIR mask in FNB field

CREATE operation
ENTER operation
ERASE operation
OPEN operation
PARSE operation
REMOVE operation
RENAME operation
value

NB\$NAM mask in FNB field

CREATE operation
ENTER operation
ERASE operation
OPEN operation
PARSE operation

RMS-11 Macros 5-116
RMS-11 Macros 6-57
RMS-11 Macros 2-8, C-2
RMS-11 Macros 7-3, 7-7, 7-11,
7-15
RMS-11 Macros 2-9
RMS-11 Macros C-2
RMS-11 Macros 7-3, 7-7, 7-11,
7-15

RMS-11 Utilities 2-31
RMS-11 Utilities 2-38

RMS-11 User's Guide A-2
RMS-11 User's Guide A-6
Task Builder A-6
Task Builder 3-27

Task Builder 3-28
Task Builder 3-28
Task Builder 3-28
Task Builder 3-28
Task Builder 3-28

MCR Operations 3-75

Batch and Queue 3-17

Batch and Queue 3-25
Batch and Queue 2-16
Batch and Queue 3-25
Batch and Queue 3-16

Batch and Queue 2-4
Error Logging 5-8
RMS-11 Macros C-2
PDP-11 MACRO-11 7-11
PDP-11 MACRO-11 7-12
PDP-11 MACRO-11 6-52

RMS-11 Macros C-2

RMS-11 Macros 5-21
RMS-11 Macros 5-37
RMS-11 Macros 5-43
RMS-11 Macros 5-81
RMS-11 Macros 5-88
RMS-11 Macros 5-105
RMS-11 Macros 5-111
RMS-11 Macros 6-94

RMS-11 Macros 5-21
RMS-11 Macros 5-37
RMS-11 Macros 5-43
RMS-11 Macros 5-81
RMS-11 Macros 5-88
RMS-11 Macros 5-105
RMS-11 Macros 5-111
RMS-11 Macros 6-94

RMS-11 Macros 5-21
RMS-11 Macros 5-37
RMS-11 Macros 5-43
RMS-11 Macros 5-81

MASTER INDEX

NB\$NAM mask in FNB field	
PARSE operation (Cont.)	
(set if NB\$QUO is set)	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94
NB\$NOD mask in FNB field	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37
ERASE operation	RMS-11 Macros 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94
NB\$QUO mask in FNB field	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37
ERASE operation	RMS-11 Macros 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94
NB\$TYP mask in FNB field	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37
ERASE operation	RMS-11 Macros 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	
(set if NB\$QUO is set)	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94
NB\$VER mask in FNB field	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37
ERASE operation	RMS-11 Macros 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94
NB\$VER mask in FNB field of NAM	
RSX-11	RMS-11 Macros D-3 to D-4
NB\$WCH mask in FNB field	RMS-11 Macros 3-9 to 3-10
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-38
ERASE operation	RMS-11 Macros 5-41, 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-103, 5-105
RENAME operation	RMS-11 Macros 5-109, 5-112
SEARCH operation	RMS-11 Macros 5-116, 5-118
summary	RMS-11 Macros 6-102
value	RMS-11 Macros 6-94
wildcard loop	RMS-11 Macros 3-10
NB\$WDI mask in FNB field	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37
ERASE operation	RMS-11 Macros 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94

MASTER INDEX

NB\$WNA mask in FNB field	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37
ERASE operation	RMS-11 Macros 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94
NB\$WTY mask in FNB field	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37
ERASE operation	RMS-11 Macros 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94
NB\$WVE mask in FNB field	
CREATE operation	RMS-11 Macros 5-21
ENTER operation	RMS-11 Macros 5-37
ERASE operation	RMS-11 Macros 5-43
OPEN operation	RMS-11 Macros 5-81
PARSE operation	RMS-11 Macros 5-88
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-111
value	RMS-11 Macros 6-94
NB.ANS	
bit in N.STAT	I/O Operations 4-15
.NCHR directive	PDP-11 MACRO-11 7-13
NDF condition test argument	PDP-11 MACRO-11 6-52
NE condition test argument	PDP-11 MACRO-11 6-51
Nearest Cylinder	
definition	Writing I/O Driver 1-15
Negative offset	ODT 7-2
Nested conditional assembly	
directive	PDP-11 MACRO-11 6-52
Nesting	
macro definition	PDP-11 MACRO-11 7-5 to 7-6
<NETNOD> symbol	MCR Operations 4-14
/NETUIC keyword	
SET command	MCR Operations 3-192
VMR	System Management 10-53
<NETUIC> symbol	MCR Operations 4-14
Network facilities	
RMSCNV utility	RMS-11 Utilities 4-1
\$NEW	
predefined syntax element in	
MML	System Management 12-44
/NEW VERSION qualifier	
BRU utility	Utilities 7-19
NEXT & PRINT command	
EDI editor	Utilities 2-16, 2-39
NEXT command	
EDI editor	Utilities 2-16, 2-39
Next command entry point	Writing I/O Driver 4-65
Next sequential location	ODT 4-4
Next-record context	RMS-11 Macros 4-3
See also Context	
\$NFIL	
predefined syntax element in	
MML	System Management 12-41
\$NFILE	
predefined syntax element in	
MML	System Management 12-41
NFS	
exercise	

MASTER INDEX

NFS

exercise (Cont.)	
example of	System Management 4-14
testing	
range of blocks	System Management 4-50
volume	
altering range of test blocks	System Management 4-50
displaying range of test blocks	System Management 4-50
error retries	System Management 4-54
selecting with SELECT	System Management 4-56
selecting with VERIFY	System Management 4-62
/NL switch	PDP-11 MACRO-11 8-6
NL:	
pseudo device	Command Language 5-6
.NLIST BEX directive	Program Development 2-6
.NLIST directive	PDP-11 MACRO-11 6-9 to 6-14
arguments for	PDP-11 MACRO-11 6-10 to 6-12
.NLUNS	
reserved global symbol	Task Builder E-1
/NM switch	Task Builder 10-30
PIP utility	Utilities 3-28
NMBLK\$	
general method of specifying	I/O Operations 2-32
macro call	I/O Operations 2-30
parameters	I/O Operations 2-31
NMBLK\$ macro	I/O Operations 3-15
NML11	Error Logging 4-9
No limit switch	Error Logging 2-3, 2-6
No log switch	Error Logging 2-3
NO macro	
MML	System Management 12-35
NO SCROLL key	Command Language 3-14
VT100	Introduction 1-17
No sharing	
sharing declaration	RMS-11 User's Guide 2-7
No spool switch	Crash Dump Analyzer 2-8
No-op function mask	Writing I/O Driver 4-19 to 4-20
/[NO]CV switch	
RMSRST utility	RMS-11 Utilities 7-5, 7-10
/[NO]QU switch	
RMSBCK utility	RMS-11 Utilities 6-5 to 6-7, 6-10
RMSRST utility	RMS-11 Utilities 7-6 to 7-8, 7-12
NOA field in SUM block	
DISPLAY operation	RMS-11 Macros 5-32
offset	RMS-11 Macros 6-145
OPEN operation	RMS-11 Macros 5-81
summary	RMS-11 Macros 6-148
NOCOMMAND qualifier	
DCL	EDT Editor 4-3
MCR	EDT Editor 4-6
/NOCOPY qualifier	
DATA command	Batch and Queue 3-6
.NOCROSS directive	PDP-11 MACRO-11 6-21 to 6-22
\$NOD	
predefined syntax element in	
MML	System Management 12-41
\$NODE	
predefined syntax element in	
MML	System Management 12-41
Node	
remote file specification	RMS-11 User's Guide B-2
/NOER switch	
RMSIFL utility	RMS-11 Utilities 3-6
/NOINITIALIZE qualifier	
BRU utility	Utilities 7-19

MASTER INDEX

NOJOURNAL qualifier	
DCL	EDT Editor 4-4
example	EDT Editor 3-5
MCR	EDT Editor 4-6
NOK field in SUM block	
DISPLAY operation	RMS-11 Macros 5-32
offset	RMS-11 Macros 6-145
OPEN operation	RMS-11 Macros 5-81
summary	RMS-11 Macros 6-149
Nokeypad command	
ADV	EDT Editor 8-5
APPEND	EDT Editor 8-5
ASC	EDT Editor 8-5
BACK	EDT Editor 8-6
CHGC	EDT Editor 8-6
circumflex (^)	EDT Editor 8-25
CUT	EDT Editor 2-43, 8-7
D	EDT Editor 2-40, 8-9
DEFK	EDT Editor 8-10, 10-1
EX	EDT Editor 8-10
EXT	EDT Editor 8-10
FILL	EDT Editor 8-11
I	EDT Editor 2-40, 8-12
Null	EDT Editor 8-13
PASTE	EDT Editor 2-43, 8-15
QUIT	EDT Editor 8-15
R	EDT Editor 8-15
REF	EDT Editor 8-16
S	EDT Editor 2-42, 8-16
SEL	EDT Editor 8-17
SHL	EDT Editor 8-18
SHR	EDT Editor 8-18
SN	EDT Editor 8-19
TAB	EDT Editor 8-21
TADJ	EDT Editor 8-22
TC	EDT Editor 8-23
TD	EDT Editor 8-24
TI	EDT Editor 8-24
TOP	EDT Editor 8-24
UNDC	EDT Editor 8-24
UNDL	EDT Editor 8-25
UNDW	EDT Editor 2-41, 8-24
Nokeypad editing	
buffer definition	EDT Editor 8-4
command definition	EDT Editor 8-4
command format	EDT Editor 2-37
copying text	EDT Editor 8-15
count definition	EDT Editor 8-4
CTRL/Z and I	EDT Editor 2-40
cursor movement	EDT Editor 2-37, 2-39, 8-2
defining entity	EDT Editor 2-39
deleting entity	EDT Editor 8-9
deleting text	EDT Editor 8-15
description	EDT Editor 1-7, 2-36
direction definition	EDT Editor 8-4
ending a session	EDT Editor 8-10
entity	EDT Editor 8-2 to 8-4
format	EDT Editor 8-4
how to enter	EDT Editor 2-37
inserting character	EDT Editor 2-40
inserting text	EDT Editor 8-12
moving text into buffers	EDT Editor 8-7
returning to line editing	EDT Editor 2-44
reverse search	EDT Editor 2-42, 8-6
search ('string')	EDT Editor 8-4
shortening a file	EDT Editor 2-39
starting	EDT Editor 2-36, 7-2, 8-1

MASTER INDEX

Nokeypad editing (Cont.)

- substituting text
- undeleting character
- undeleting text
- use of command
- using
 - using CTRL/Z with I
- /NOLIM switch
- /NOLO job switch
 - QUE /MOD command
- /NOLOG switch
- /NOLOW switch
 - PRI command
- /NOMSG switch
 - CON
- Non-Overlaid RMS-11
 - compared with V1.8
- Non-pool-resident header
- Non-RMS-11 files
- Noncontiguous range
- Nonexternal header
- Nonfile-structured exercising IOX
- Nonoverlaid routine
- Nonprivileged task
 - directive restrictions
 - rebuilding
 - types supplied
- Nonprivileged user
- Nonsense interrupt logging
- NOOUTPUT qualifier (DCL)
 - /NOPRESERVE qualifier
 - BRU utility
- Noread Only qualifier
 - NOREAD ONLY (DCL)
 - RO (MCR)
- NORECOVER qualifier
 - DCL
 - MCR
- NOSAV symbolic argument
 - /NOSO switch
 - RMSIFL utility
- /NOSP switch
- /NOSUPERSEDE qualifier
 - BRU utility
- Notes module
 - exit
 - heading
 - MODULE statement
 - NML11
 - note name
 - NRK67
 - NRM05
 - NRM23
 - NT0310
 - NTS11
 - print declaration
 - print number
 - PROCEDURE statement
 - unknown note
 - user written
- NOTYPE qualifier
- /NOVERIFY switch
 - FMT utility

- EDT Editor 2-42
- EDT Editor 8-24
- EDT Editor 8-25
- EDT Editor 1-10
- EDT Editor 2-37
- EDT Editor 8-13
- Error Logging 2-3, 2-6

- Batch and Queue 2-21
- Error Logging 2-3

- Batch and Queue 2-4

- System Management 15-6

- Release Notes 2-16
- Writing I/O Driver 6-8
- Writing I/O Driver 6-9
- RMS-11 Introduction 3-4
- EDT Editor 6-11
- Writing I/O Driver 6-8

- System Management 4-3
- RMS-11 User's Guide 1-13, 8-2, 8-8 to 8-9

- Executive 1-12 to 1-13
- System Generation 4-10
- System Generation 3-72
- Introduction 5-5, Gloss-25
- Error Logging 4-22
- EDT Editor 4-3

- Utilities 7-19

- EDT Editor 4-4
- EDT Editor 4-7

- EDT Editor 4-4
- EDT Editor 4-6
- PDP-11 MACRO-11 6-42

- RMS-11 Utilities 3-8 to 3-10
- PDP-11 MACRO-11 8-7

- Utilities 7-19

- Error Logging 4-33
- Error Logging 4-32
- Error Logging 4-32
- Error Logging 4-9
- Error Logging 4-32
- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-9
- Error Logging 4-32
- Error Logging 4-33
- Error Logging 4-32
- Error Logging 4-33
- Error Logging 4-31
- EDT Editor 7-17

- Utilities 5-8

MASTER INDEX

.NOVLY	Task Builder E-1
reserved global symbol	
/NOWCHK switch	Utilities 6-9
BAD utility	PDP-11 MACRO-11 8-11 to 8-12
NOWIDE argument	
NP command	Utilities 2-16, 2-39
EDI editor	
NPR device	Writing I/O Driver 7-2
drivers for (on PDP-11)	Error Logging 4-9
NRK67	Error Logging 4-9
NRM05	Error Logging 4-9
NRM23	
/NS switch	Utilities 13-16
SLP utility	
/NSF keyword	
FIX command	
VMR	
NSG field in KEY block	System Management 10-19
DISPLAY operation	
offset	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 6-68
summary	RMS-11 Macros 5-81
\$NSIER	RMS-11 Macros 6-86
.NSTBL	Error Logging 4-22
reserved global symbol	
NT0310	Task Builder E-1
NTS11	Error Logging 4-9
.NTYPE directive	Error Logging 4-9
/NU switch	PDP-11 MACRO-11 7-14
FLX utility	Utilities 4-7
NUL field in KEY block	
CREATE operation	RMS-11 Macros 5-19
DISPLAY operation	RMS-11 Macros 5-31
offset	RMS-11 Macros 6-67
OPEN operation	RMS-11 Macros 5-80
summary	RMS-11 Macros 6-87
\$NULL	
predefined syntax element in	
MML	System Management 12-45
Null	
root and segment	Task Builder 3-31
NULL command (Implied TYPE)	
line editing	EDT Editor 2-23, 7-12
nokeypad editing	EDT Editor 8-13
Null device	I/O Drivers 19-1
driver	I/O Drivers 19-1
Null key	RMS-11 Introduction 3-10
	RMS-11 User's Guide 6-10
See also NUL field in KEY block	
See also XB\$NUL mask in FLG	
field	
/NULL subkeyword	MCR Operations 3-39
CLI command	
NULL KEY	RMS-11 Utilities 2-39
RMSDES utility	
NULL VALUE	RMS-11 Utilities 2-39
RMSDES utility	
\$NUM	System Management 12-39
predefined syntax element in	
MML	
Number	
displayed in line editing	EDT Editor 6-1
fixed line	EDT Editor 1-7, 6-4
floating-point	PDP-11 MACRO-11 6-33 to 6-34
line	EDT Editor 6-1

MASTER INDEX

Number (Cont.)	
MACRO-11 treatment	PDP-11 MACRO-11 3-14
one's complement	PDP-11 MACRO-11 6-35 to 6-36
one-word floating-point	PDP-11 MACRO-11 6-35 to 6-36
packing decimal	PDP-11 MACRO-11 6-31
radix control	PDP-11 MACRO-11 6-31 to 6-32
resequencing of line	EDT Editor 6-3
two's complement operator	PDP-11 MACRO-11 3-4
version	
file	Command Language 4-3
Number of arguments	
See .NARG directive	
Number sign (#)	Command Language 3-16
in cross-reference listing	Task Builder 10-12 to 10-13
<NUMBER> symbol	MCR Operations 4-9
Numbering system	Introduction 3-2
Numeric control	
operator	PDP-11 MACRO-11 6-33
temporary operator	PDP-11 MACRO-11 6-35 to 6-36
Numeric conversion function	Error Logging 5-17 to 5-18
Numeric directive	PDP-11 MACRO-11 6-33
Numeric symbol	MCR Operations 4-7, 4-14
decrementing	MCR Operations 4-30
defining	MCR Operations 4-49
incrementing	MCR Operations 4-42
radix of	MCR Operations 4-15
redefining	MCR Operations 4-49
substituting	MCR Operations 4-15
testing	MCR Operations 4-39
Numeric to ASCII	System Library 5-1
See also ASCII number	
conversion	
binary byte to octal (\$CBTMG)	System Library 5-9
binary date to decimal (\$CBDAT)	System Library 5-2
binary to signed decimal	
(\$CBDSG)	System Library 5-4
binary to signed octal (\$CBOSG)	System Library 5-8
binary to unsigned decimal	
(\$CBDMG)	System Library 5-3
binary to unsigned octal	
(\$CBOMG)	System Library 5-7
double-precision binary to	
decimal (\$CDDMG)	System Library 5-5
general purpose binary to ASCII	
(\$CBTA)	System Library 5-10
Radix-50 to ASCII (\$C5TA)	System Library 5-11
/NV subswitch	
PIP utility	Utilities 3-20
/NV switch	
PIP utility	Utilities 3-12
NXT field in ALL block	
CLOSE operation	RMS-11 Macros 5-3
CREATE operation	RMS-11 Macros 5-9
DISPLAY operation	RMS-11 Macros 5-30
ENTER operation	RMS-11 Macros 5-35
ERASE operation	RMS-11 Macros 5-40
EXTEND operation	RMS-11 Macros 5-46
offset	RMS-11 Macros 6-2
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-86
REMOVE operation	RMS-11 Macros 5-102
RENAME operation	RMS-11 Macros 5-108
SEARCH operation	RMS-11 Macros 5-116
summary	RMS-11 Macros 6-13
NXT field in DAT block	
CLOSE operation	RMS-11 Macros 5-3
CREATE operation	RMS-11 Macros 5-9

MASTER INDEX

NXT field in DAT block (Cont.)

DISPLAY operation	RMS-11 Macros 5-30
ENTER operation	RMS-11 Macros 5-35
ERASE operation	RMS-11 Macros 5-40
EXTEND operation	RMS-11 Macros 5-46
offset	RMS-11 Macros 6-14
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-86
REMOVE operation	RMS-11 Macros 5-102
RENAME operation	RMS-11 Macros 5-108
SEARCH operation	RMS-11 Macros 5-116
summary	RMS-11 Macros 6-19

NXT field in KEY block

CLOSE operation	RMS-11 Macros 5-3
CREATE operation	RMS-11 Macros 5-9
DISPLAY operation	RMS-11 Macros 5-30
ENTER operation	RMS-11 Macros 5-35
ERASE operation	RMS-11 Macros 5-40
EXTEND operation	RMS-11 Macros 5-46
offset	RMS-11 Macros 6-67
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-86
REMOVE operation	RMS-11 Macros 5-102
RENAME operation	RMS-11 Macros 5-108
SEARCH operation	RMS-11 Macros 5-116
summary	RMS-11 Macros 6-88

NXT field in PRO block

CLOSE operation	RMS-11 Macros 5-3
CREATE operation	RMS-11 Macros 5-9
DISPLAY operation	RMS-11 Macros 5-30
ENTER operation	RMS-11 Macros 5-35
ERASE operation	RMS-11 Macros 5-40
EXTEND operation	RMS-11 Macros 5-46
offset	RMS-11 Macros 6-108
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-86
REMOVE operation	RMS-11 Macros 5-102
RENAME operation	RMS-11 Macros 5-108
SEARCH operation	RMS-11 Macros 5-116
summary	RMS-11 Macros 6-111

NXT field in SUM block

CLOSE operation	RMS-11 Macros 5-3
CREATE operation	RMS-11 Macros 5-9
DISPLAY operation	RMS-11 Macros 5-30
ENTER operation	RMS-11 Macros 5-35
ERASE operation	RMS-11 Macros 5-40
EXTEND operation	RMS-11 Macros 5-46
offset	RMS-11 Macros 6-145
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-86
REMOVE operation	RMS-11 Macros 5-102
RENAME operation	RMS-11 Macros 5-108
SEARCH operation	RMS-11 Macros 5-116
summary	RMS-11 Macros 6-150

NXT field in XAB

chaining XABs to FAB	RMS-11 Macros 2-12
<NXTSYM> symbol	MCR Operations 4-14
\$NXTVOL macro	RMS-11 Macros 5-70
RSTS/E	RMS-11 Macros D-4
NXTVOL operation	RMS-11 Introduction 4-4
\$NXTVOL macro	RMS-11 Macros 5-70
record stream	RMS-11 Macros 4-9

O

O command	ODT 2-10, 7-1
ZAP utility	Utilities 15-17

MASTER INDEX

O error	PDP-11 MACRO-11 6-39, 6-53, 7-3, 7-12, 7-14, 7-21
summary	PDP-11 MACRO-11 D-4
^O operator	PDP-11 MACRO-11 3-5, 6-32
O\$-family symbol	
declaring	
ALL block	RMS-11 Macros C-3 to C-4
DAT block	RMS-11 Macros C-3 to C-4
FAB field offset	RMS-11 Macros C-1
KEY block	RMS-11 Macros C-3 to C-4
NAM block field offset	RMS-11 Macros C-2
PRO block	RMS-11 Macros C-3 to C-4
RAB	RMS-11 Macros C-2
SUM block	RMS-11 Macros C-3 to C-4
XAB	RMS-11 Macros C-4
value	
ALL block	RMS-11 Macros 6-2
DAT block	RMS-11 Macros 6-14
FAB	RMS-11 Macros 6-22 to 6-24
KEY block	RMS-11 Macros 6-67 to 6-68
NAM block	RMS-11 Macros 6-94
PRO block	RMS-11 Macros 6-108
RAB	RMS-11 Macros 6-115
SUM block	RMS-11 Macros 6-145
/OA switch	
RMSRST utility	RMS-11 Utilities 7-9 to 7-10
\$\$OBF1	Task Builder E-3
reserved PSECT name	
\$\$OBF2	Task Builder E-3
reserved PSECT name	Program Development 3-4, 7-5
.OBJ file type	
Object	
library	
adding modules	Program Development 6-9 to 6-10
creating a user	Program Development 6-4 to 6-6
default search of system	Program Development 1-11, 4-2
DIGITAL-supplied	Program Development 1-10 to 1-11
dual use	Program Development 6-8 to 6-9
listing information	Program Development 6-11 to 6-12
OTS	Program Development 7-1 to 7-2
using to resolve undefined global symbols	Program Development 6-8 to 6-9
module	
concatenated	Program Development 4-3 to 4-4
FORTRAN IV	Program Development 7-5 to 7-6
input to TKB	Program Development 4-1
MACRO-11	Program Development 1-4, 3-4 to 3-6
Object code	
assembling	RMS-11 User's Guide 1-13, 8-1
compiling	RMS-11 User's Guide 1-13, 8-1
patching	Task Builder 11-5
Object file	Introduction 4-3, 4-5 to 4-9, 4-11 to 4-12, Gloss-22
applying patch to	Release Notes 1-54
Object module	Introduction 4-3, 4-5 to 4-9, 4-11 to 4-12, Gloss-22
concatenating	Task Builder 10-7
content of	Task Builder A-1
default name	PDP-11 MACRO-11 6-15
format	Task Builder A-3
linking	Task Builder 2-1
name	PDP-11 MACRO-11 1-2
name assignment	PDP-11 MACRO-11 6-15
overriding definition in	Task Builder 11-17
patching	
PAT utility	Utilities 14-1

MASTER INDEX

Object module (Cont.)
 relocatable
 selective global symbol
 using /SS to include
 storing in library
 LBR utility
 Object module library

Object Module Patch Utility
 See PAT utility
 See also Object file
 /OBJECT qualifier
 Object Time System
 See also OTS
 usage to extend record buffer
 OBJECT_BINARY argument
 OCB
 OCOB macro
 MML
 /OCT switch
 DMP utility
 Octal conversion
 octal to binary (\$COTB)
 octal to binary double-word
 (.OD2CT)
 Octal number
 Octal operator
 <OCTAL> symbol
 .OD2CT (Octal to binary
 double-word)
 .ODD directive
 \$ODEV
 predefined syntax element in
 MML
 \$ODEVE
 predefined syntax element in
 MML
 ODL
 autoload indicator
 directive
 .END
 example use of .NAME
 .FCTR
 introduction
 .NAME
 .NAME attributes
 .PSECT
 .ROOT
 efficiently placing in
 autoload indicator
 enabling operator
 memory-resident overlay
 file
 declaring a
 multiple-tree
 defining structure
 example
 structure
 operator
 , (comma)
 ! (exclamation point)
 - (hyphen)
 introduction
 summary
 using indirect file with

Task Builder 2-2

Task Builder 10-47 to 10-49

Utilities 10-19
 Command Language 6-41
 RMS-11 User's Guide 8-1

PDP-11 MACRO-11 8-10

Task Builder 11-16
 PDP-11 MACRO-11 8-11
 Executive 5-31, 5-172

System Management 12-29

Utilities 11-7

System Library 4-5

System Library 4-2
 Introduction 3-2, Gloss-22
 ODT 2-7, 4-2 to 4-3
 MCR Operations 4-9

System Library 4-2
 PDP-11 MACRO-11 6-37

System Management 12-42

System Management 12-42
 RMS-11 User's Guide 8-3
 Task Builder 4-2
 Task Builder 3-23 to 3-24
 Task Builder 3-23
 Task Builder 3-28
 Task Builder 3-25
 Task Builder 3-23
 Task Builder 3-27
 Task Builder 3-28
 Task Builder 3-29
 Task Builder 3-23

Task Builder 4-6

Task Builder 10-34

Task Builder 10-28

Task Builder 3-30
 Task Builder 3-31 to 3-32
 Task Builder 3-30

Task Builder 3-24
 Task Builder 3-24, 3-26 to 3-27
 Task Builder 3-24
 Task Builder 3-24
 Task Builder 3-49 to 3-52
 Task Builder 3-30

MASTER INDEX

ODL file
 creating
 start of procedure
 with allocation diagram
 DAPRLX
 .FCTR statement
 creating from allocation
 diagram
 prototype
 RMSRLX
 .ROOT statement
 creating from allocation
 diagram
 standard
 DAP11X
 RMS11S
 RMS11X
 RMS12X
 virtual address space
 in allocation diagram
 ODL files for RMS
 See Disk-overlaid RMS-11
 ODL statement
 co-tree
 from allocation diagram
 ODT
 at sign (@)
 B command
 backslash ()
 breakpoint register
 changing location contents
 correcting input
 dollar sign (\$)
 error conditions in task
 examining locations
 forming address
 G command
 including in a task
 LINE FEED key
 map use
 ODT.OBJ file
 overview
 P command
 question mark (?)
 R command
 relocation register
 RETURN key
 setting breakpoints
 setting up a task with
 slash (/)
 source listing use
 SST within
 terminating task execution
 underline (_)
 X command
 ODT on-line debugger
 ZAP utility
 ODT Reference Manual
 documentation correction
 ODT vector
 ODTID module
 .ODTL1
 reserved global symbol
 .ODTL2
 reserved global symbol
 Task Builder 3-36
 Task Builder 3-35 to 3-36
 RMS-11 User's Guide 8-7
 Task Builder 3-38 to 3-39
 RMS-11 User's Guide 8-3
 RMS-11 User's Guide 8-7
 Task Builder 3-37
 RMS-11 User's Guide 8-3, 8-5
 RMS-11 User's Guide 8-6
 RMS-11 User's Guide 8-5
 RMS-11 User's Guide 8-5
 RMS-11 User's Guide 8-6
 Task Builder 3-36
 Task Builder 3-39 to 3-40
 Command Language 6-90 to 6-91
 Program Development 1-6 to 1-7
 Program Development 5-8
 Program Development 5-6
 Program Development 5-5
 Program Development 5-6
 Program Development 5-7
 Program Development 5-3
 Program Development 5-6 to 5-8
 Program Development 5-8
 Program Development 5-4 to 5-5
 Program Development 5-4
 Program Development 5-6, 5-8
 Program Development 5-1 to 5-2
 Program Development 5-5, 5-7 to
 5-8
 Program Development 5-2
 Program Development 5-1
 ODT 1-1
 Program Development 5-7
 Program Development 5-3
 Program Development 5-3
 Program Development 5-2 to 5-4
 Program Development 5-8
 Program Development 5-6
 Program Development 1-7
 Program Development 5-4
 Program Development 5-4
 Program Development 5-8
 Program Development 5-8
 Program Development 5-2
 Program Development 5-8
 Utilities 15-1
 Release Notes 1-60
 Task Builder 11-24
 ODT 1-3
 Task Builder E-1
 Task Builder E-1

MASTER INDEX

ODTV option	Task Builder 11-24
\$OFF macro	RMS-11 Macros 2-11
OFFLINE command	
CON	System Management 15-18
command line format	System Management 15-19
example	System Management 15-19
keyword	
ALL	System Management 15-19
OFFLINE MEMORY command	
CON	System Management 15-20
command line format	System Management 15-20
example	System Management 15-20
Offset	ODT 2-3, 7-1
branch	ODT 7-2
calculation	ODT 2-10, 7-1
negative	ODT 7-2
PC-relative	ODT 7-2
Offset mode	Crash Dump Analyzer 3-1
Offspring Control Block	
See OCB	
Offspring task	
status values	Executive 4-3
OFNB\$X macro call	
format	I/O Operations 3-14
.OLB file type	Program Development 6-4
See also LBR	
OLRDF\$	Crash Dump Analyzer C-39
	Writing I/O Driver A-39 to A-45
ON command	
See also STOP, CONTINUE, GOTO	
commands	
default setting	Batch and Queue 3-9
example	Batch and Queue 3-10
format	Batch and Queue 3-10
On-Line Debugging Tool	
See ODT	
On-line system	
definition	System Generation 1-10
One's complement operator	PDP-11 MACRO-11 3-5, 6-35 to 6-36
One-word floating-point number	PDP-11 MACRO-11 6-35 to 6-36
.ONERR directive	MCR Operations 4-43
example	MCR Operations 4-44
format	MCR Operations 4-43
ONLINE command	
CON	System Management 15-21
command line format	System Management 15-21
example	System Management 15-22
keyword	
ALL	System Management 15-21
ONLINE MEMORY command	
CON	System Management 15-23
command line format	System Management 15-23
example	System Management 15-23
\$ONUM	
predefined syntax element in	System Management 12-40
MML	
Op code	
See Operation code	
OP command	
EDI editor	Utilities 2-39
OPEN command	MCR Operations 3-138
command line format	MCR Operations 3-138
control character	MCR Operations 3-138
error message	MCR Operations 3-141
example	MCR Operations 3-141
exiting	MCR Operations 3-139
keyword	

MASTER INDEX

OPEN command	
keyword (Cont.)	
/AFF	MCR Operations 3-139
/CPU	MCR Operations 3-139
/DRV	MCR Operations 3-139
/KNL	MCR Operations 3-140
/KNLD	MCR Operations 3-140
/KNLI	MCR Operations 3-140
/REG	MCR Operations 3-140
/TASK	MCR Operations 3-140
line terminator	MCR Operations 3-139
.OPEN directive	MCR Operations 4-44
example	MCR Operations 4-44
format	MCR Operations 4-44
OPEN LINE function	EDT Editor 5-11
\$OPEN macro	RMS-11 Macros 5-72
RSTS/E	RMS-11 Macros D-4
OPEN operation	RMS-11 Introduction 4-2
	RMS-11 User's Guide 1-18
	RMS-11 Macros 3-7
	RMS-11 Macros 2-8
	RMS-11 Macros 2-7
	RMS-11 Macros 2-5
	RMS-11 Macros 5-72
	RMS-11 User's Guide B-2 to B-3
	RMS-11 Macros 3-10 to 3-11
BDB requirement	Utilities 2-39
I/O buffer requirement	
IFAB requirement	I/O Operations 3-17
\$OPEN macro	
remote access	I/O Operations 3-3
wildcard loop	I/O Operations 3-2
OPEN SECONDARY command	
EDI editor	I/O Operations 3-3
OPEN\$ macro call	I/O Operations 3-5
format	MCR Operations 4-44
OPEN\$x	MCR Operations 4-45
restrictions	MCR Operations 4-45
suffixes for	
OPEN\$x macro call	I/O Operations 3-2
file access privileges	I/O Operations 3-8
format	I/O Operations 3-4, 3-8
.OPENA directive	ODT 2-5, 4-4
example	ODT 4-2 to 4-6
format	
Opening	
a file	ODT 4-1
a new file	ODT 2-5, 4-5
an existing file	ODT 2-5, 4-4
absolute location	ODT 2-6, 4-5
byte location	ODT 2-5, 4-4
location	ODT 4-2 to 4-6
definition	
PC-relative location	MCR Operations 4-45
preceding location	MCR Operations 4-45
relative branch location	MCR Operations 4-45
sequential location	MCR Operations 3-138
word location	PDP-11 MACRO-11 2-1, 2-4
.OPENR directive	PDP-11 MACRO-11 3-2
example	
format	
OPENREGISTER command	
Operand field	
separator	
Operating mode	
Indirect	
disabling	MCR Operations 4-31
enabling	MCR Operations 4-32
initial setting	MCR Operations 4-32
list	MCR Operations 4-32
testing	MCR Operations 4-40

MASTER INDEX

Operating system	Introduction 1-1, 4-1, 5-1, 5-4, Gloss-23
allocating system resources	RMS-11 User's Guide 1-13
block locking	RMS-11 User's Guide 8-13
command line	RMS-11 User's Guide 3-6
compatibility	EDT Editor 2-2
defaults	RMS-11 User's Guide 3-4
DEQ	RMS-11 User's Guide 2-2
failure	RMS-11 User's Guide 3-5
FALS	Error Logging 1-1
protection codes	RMS-11 User's Guide B-3
and shared access	
remote access	RMS-11 User's Guide 2-5
RSTS/E	RMS-11 User's Guide B-3
RSX-11M/M-PLUS	RMS-11 User's Guide B-3
VAX/VMS	RMS-11 User's Guide B-1, B-3
return to	ODT 2-11
Operation	RMS-11 Introduction 4-1
asynchronous	RMS-11 Macros 1-2
	RMS-11 Introduction 4-4
	RMS-11 User's Guide 2-17, 3-14, 4-14, 7-8, 8-2, 8-4, 8-7 to 8-8
block	RMS-11 Introduction 4-7
CLOSE	RMS-11 Introduction 4-2
CONNECT	RMS-11 User's Guide 1-18
indexed files	RMS-11 Introduction 4-4
relative files	RMS-11 User's Guide 1-15
sequential files	RMS-11 User's Guide 7-2
CREATE	RMS-11 User's Guide 4-7
and shared access	RMS-11 User's Guide 3-7
file versions	RMS-11 Introduction 4-2
remote access	RMS-11 User's Guide 1-18
DELETE	RMS-11 User's Guide 2-6
and key position	RMS-11 User's Guide A-3
and shared access	RMS-11 User's Guide B-2 to B-3
deferred write	RMS-11 Introduction 4-4
duplicate keys	RMS-11 User's Guide 1-15
indexed files	RMS-11 User's Guide 6-7
relative files	RMS-11 User's Guide 2-6
directory	RMS-11 User's Guide 7-9
indexed files	RMS-11 User's Guide 6-9
relative files	RMS-11 User's Guide 5-15, 7-3
sequential files	RMS-11 User's Guide 4-7
DISCONNECT	RMS-11 Introduction 4-1
indexed files	RMS-11 User's Guide 1-17
relative files	RMS-11 User's Guide 7-10
sequential files	RMS-11 User's Guide 4-15
DISPLAY	RMS-11 User's Guide 3-15
ENTEND	RMS-11 Introduction 4-4
ENTER	RMS-11 User's Guide 1-15
file versions	RMS-11 User's Guide 7-3
remote access	RMS-11 User's Guide 4-8
ERASE	RMS-11 User's Guide 3-7
remote access	RMS-11 Introduction 4-2
wildcard operations	RMS-11 User's Guide 1-18
EXTEND	RMS-11 User's Guide B-2
	RMS-11 User's Guide A-4
	RMS-11 User's Guide 1-18

MASTER INDEX

Operation

EXTEND (Cont.)

and shared access
file

indexed files
optimizations
relative files
sequential files

FIND

access modes
and bucket locking
and shared access
and stream records
deferred write
indexed files

key access
relative files
RFA access
sequential access
sequential files

FLUSH

indexed files
relative files
sequential files

FREE

and shared access
from high-level languages
GET

access modes
and bucket locking
and ODLs
and shared access
and stream records
deferred write
indexed files

key access
locate mode

move mode

relative files
RFA access
sequential access
sequential files

NXTVOL

OPEN

remote access
optimizations
PARSE

remote access
PUT

access modes
and key position
and ODLs
and shared access
and stream records
deferred write

RMS-11 User's Guide 2-6
RMS-11 Introduction 4-2
RMS-11 User's Guide 1-18
RMS-11 User's Guide 7-10
RMS-11 User's Guide 8-10
RMS-11 User's Guide 4-15
RMS-11 User's Guide 3-15
RMS-11 Introduction 4-4
RMS-11 User's Guide 1-15
RMS-11 Introduction 4-6
RMS-11 User's Guide 2-8
RMS-11 User's Guide 2-6, 2-10
RMS-11 User's Guide 2-16
RMS-11 User's Guide 7-9
RMS-11 User's Guide 5-13, 5-17,
7-3
RMS-11 User's Guide 1-16
RMS-11 User's Guide 4-8
RMS-11 User's Guide 1-16
RMS-11 User's Guide 1-16
RMS-11 User's Guide 3-7
RMS-11 Introduction 4-4
RMS-11 User's Guide 1-15
RMS-11 User's Guide 7-5
RMS-11 User's Guide 4-10
RMS-11 User's Guide 3-9
RMS-11 Introduction 4-4
RMS-11 User's Guide 1-15
RMS-11 User's Guide 2-10
RMS-11 Introduction 4-7
RMS-11 Introduction 4-4
RMS-11 User's Guide 1-15
RMS-11 Introduction 4-6
RMS-11 User's Guide 2-8
RMS-11 User's Guide 8-5
RMS-11 User's Guide 2-6, 2-10
RMS-11 User's Guide 2-16 to 2-17
RMS-11 User's Guide 7-9
RMS-11 User's Guide 5-13, 5-17,
7-5
RMS-11 User's Guide 1-16
RMS-11 User's Guide 3-14, 4-13,
7-8
RMS-11 User's Guide 3-13, 4-12,
7-7
RMS-11 User's Guide 4-10
RMS-11 User's Guide 1-16
RMS-11 User's Guide 1-16
RMS-11 User's Guide 3-9
RMS-11 Introduction 4-4
RMS-11 Introduction 4-2
RMS-11 User's Guide 1-18
RMS-11 User's Guide B-2 to B-3
RMS-11 User's Guide 8-10
RMS-11 Introduction 4-1
RMS-11 User's Guide 1-17
RMS-11 User's Guide B-1
RMS-11 Introduction 4-4
RMS-11 User's Guide 1-15
RMS-11 Introduction 4-6
RMS-11 User's Guide 6-7
RMS-11 User's Guide 8-5
RMS-11 User's Guide 2-6
RMS-11 User's Guide 2-17
RMS-11 User's Guide 7-9

MASTER INDEX

Operation

PUT (Cont.)

duplicate keys
indexed files

initial allocation
key access
locate mode
mass insertion
move mode

relative files
sequential access
sequential files

READ

access modes

record

and I/O costs
and indexed files
indexed files
optimizations
relative files
sequential files

REMOVE

remote access
wildcard operations

RENAME

file versions
remote access
wildcard operations

REWIND

indexed files
relative files
sequential files

routine

calling
return

SEARCH

remote access

SPACE

access modes

stream

indexed files
relative files
sequential files
synchronous

TRUNCATE

and shared access
sequential files

UPDATE

and ODLs
and record size
and shared access
and stream records
changeable keys
deferred write
duplicate keys
indexed files

RMS-11 User's Guide 6-9

RMS-11 User's Guide 5-10, 5-17,
7-5, 7-9

RMS-11 User's Guide 4-4

RMS-11 User's Guide 1-16

RMS-11 User's Guide 3-14

RMS-11 User's Guide 7-9

RMS-11 User's Guide 3-13, 4-12,
7-7

RMS-11 User's Guide 4-11

RMS-11 User's Guide 1-16

RMS-11 User's Guide 3-10

RMS-11 Introduction 4-7

RMS-11 Introduction 4-7

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-10, 1-15

RMS-11 User's Guide 5-17

RMS-11 User's Guide 5-9, 5-16

RMS-11 User's Guide 7-2

RMS-11 User's Guide 8-10

RMS-11 User's Guide 4-7

RMS-11 User's Guide 3-7

RMS-11 Introduction 4-1

RMS-11 User's Guide 1-17

RMS-11 User's Guide B-1

RMS-11 User's Guide A-4

RMS-11 Introduction 4-1

RMS-11 User's Guide 1-17

RMS-11 User's Guide A-3

RMS-11 User's Guide B-1

RMS-11 User's Guide A-4

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-15

RMS-11 User's Guide 7-6

RMS-11 User's Guide 4-12

RMS-11 User's Guide 3-11

RMS-11 Macros 2-13

RMS-11 Macros 2-14

RMS-11 Introduction 4-1

RMS-11 User's Guide 1-17

RMS-11 User's Guide B-1

RMS-11 Introduction 4-7

RMS-11 Introduction 4-7

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-15

RMS-11 User's Guide 7-2

RMS-11 User's Guide 4-7

RMS-11 User's Guide 3-7

RMS-11 Introduction 4-4

RMS-11 User's Guide 8-2

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-15

RMS-11 User's Guide 2-6

RMS-11 User's Guide 3-12

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-15

RMS-11 User's Guide 8-5

RMS-11 User's Guide 2-16

RMS-11 User's Guide 2-6, 2-10

RMS-11 User's Guide 2-17

RMS-11 User's Guide 6-10

RMS-11 User's Guide 7-9

RMS-11 User's Guide 6-9

RMS-11 User's Guide 5-14, 7-6

MASTER INDEX

Operation

UPDATE (Cont.)

move mode

relative files

sequential files

using

WAIT

WRITE

access modes

and shared access

Operation code

commercial instruction

floating-point

PDP-11

Operation macro

Operator

See also SLP utility

arithmetic

ASCII (/)

backslash ()

backslash (\)

binary

addition

division

evaluation of multiple

logical AND

logical inclusive OR

multiplication

precedence with unary

subtraction

byte mode

ASCII

octal

comma (,)

equal sign (=)

field

logical

minus sign (-)

ODL

, (comma)

! (exclamation point)

- (hyphen)

introduction

plus sign (+)

Radix-50 (%)

slash (/)

unary

binary radix control

decimal radix control

evaluation of multiple

macro call use

minus

numeric control

octal radix control

one's complement

one-word floating-point

plus

precedence over binary

radix control

Radix-50 control

two's complement

universal

word mode

ASCII

RMS-11 User's Guide 3-13 to 3-14,
4-12 to 4-13, 7-7 to 7-8

RMS-11 User's Guide 4-12

RMS-11 User's Guide 3-12

RMS-11 Macros 2-9

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-15

RMS-11 Introduction 4-7

RMS-11 Introduction 4-7

RMS-11 User's Guide 2-6

PDP-11 MACRO-11 C-3 to C-4

PDP-11 MACRO-11 C-4 to C-5

PDP-11 MACRO-11 C-1 to C-3

RMS-11 Macros 1-2, 2-9

ODT 2-3 to 2-4, 2-7, 4-2

Introduction Gloss-23

MCR Operations 4-14

ODT 2-7

ODT 4-3

ODT 2-7, 4-2 to 4-3

PDP-11 MACRO-11 3-5 to 3-6

PDP-11 MACRO-11 3-5

PDP-11 MACRO-11 3-5

PDP-11 MACRO-11 3-6

PDP-11 MACRO-11 3-5

PDP-11 MACRO-11 3-5

PDP-11 MACRO-11 3-5

PDP-11 MACRO-11 3-16

PDP-11 MACRO-11 3-5

ODT 2-7

ODT 2-7, 4-2 to 4-3

ODT 2-4

ODT 2-8, 7-2

PDP-11 MACRO-11 2-1, 2-3 to 2-4

MCR Operations 4-14

ODT 2-3 to 2-4

Task Builder 3-24

Task Builder 3-24

Task Builder 3-24, 3-26 to 3-27

Task Builder 3-24

Task Builder 3-24

ODT 2-3 to 2-4

ODT 2-7

ODT 4-2 to 4-3

PDP-11 MACRO-11 3-4

PDP-11 MACRO-11 3-5, 6-32

PDP-11 MACRO-11 3-5, 6-32

PDP-11 MACRO-11 3-4

PDP-11 MACRO-11 7-5

PDP-11 MACRO-11 3-4

PDP-11 MACRO-11 6-33, 6-35

PDP-11 MACRO-11 3-5, 6-32

PDP-11 MACRO-11 3-5, 6-35 to 6-36

PDP-11 MACRO-11 3-5, 6-35 to 6-36

PDP-11 MACRO-11 3-4

PDP-11 MACRO-11 3-16

PDP-11 MACRO-11 6-31 to 6-33

PDP-11 MACRO-11 3-5, 6-30

PDP-11 MACRO-11 3-4

PDP-11 MACRO-11 3-5

ODT 2-7

MASTER INDEX

Operator	
word mode (Cont.)	
octal	ODT 2-7, 4-2 to 4-3
/OPT keyword	
SET command	MCR Operations 3-193
VMR	System Management 10-53
OPT macro	
MML	System Management 12-35 to 12-36
Optimization	
allocating system resources	RMS-11 User's Guide 8-13
application design	RMS-11 User's Guide 2-11
DELETE operation	RMS-11 User's Guide 6-7
disk usage	RMS-11 User's Guide 8-13
operations	RMS-11 User's Guide 8-10
overlays	RMS-11 User's Guide 8-1
program development	RMS-11 User's Guide 8-9
PUT operation	RMS-11 User's Guide 6-7
task building	RMS-11 User's Guide 8-10
virtual-to-logical block	
mapping	RMS-11 User's Guide 8-11
window turning	RMS-11 User's Guide 8-12
Option	
category of	Task Builder 11-1
general form of	Task Builder 1-4
input	
in command line	Task Builder 1-3
linking to region	Task Builder 5-14
separation of argument list	Task Builder 1-4 to 1-5
summary	Task Builder 11-2
Task Builder	Task Builder 1-4, 11-1
ABORT	Task Builder 11-4
ABSPAT	Task Builder 11-5
ACTFIL	Task Builder 11-6
ASG	Task Builder 11-7
CLSTR	Task Builder 11-8 to 11-9
CMPRT	Task Builder 11-10
COMMON or LIBR	Task Builder 11-11 to 11-12
DSPPAT	Task Builder 11-13
EXTSCT	Task Builder 11-14
EXTTSK	Task Builder 11-15
FMTBUF	Task Builder 11-16
GBLDEF	Task Builder 11-17
GBLINC	Task Builder 11-18
GBLPAT	Task Builder 11-19
GBLREF	Task Builder 11-20
GBLXCL	Task Builder 11-21
MAXBUF	Task Builder 11-23
ODTV	Task Builder 11-24
PAR	Task Builder 11-25 to 11-26
PRI	Task Builder 11-27
RESCOM or RESLIB	Task Builder 11-28 to 11-29
RESSUP	Task Builder 11-31 to 11-32
ROPAR	Task Builder 11-33
STACK	Task Builder 11-34
SUPLIB	Task Builder 11-35
TASK	Task Builder 11-36
TSKV	Task Builder 11-37
UIC	Task Builder 11-38
UNITS	Task Builder 11-39
VSECT	Task Builder 11-40
WNDWS	Task Builder 11-41
Option summary	Task Builder 11-3
OPTR macro	
MML	System Management 12-35 to 12-36
ORG field in FAB	
CREATE operation	RMS-11 Macros 5-11
offset	RMS-11 Macros 6-23

MASTER INDEX

ORG field in FAB (Cont.)	
OPEN operation	
summary	
ORG\$ macro	RMS-11 Macros 5-78
ORGANIZATION	RMS-11 Macros 6-58
RMSDES utility	RMS-11 Macros 2-2
Organization	
See File organization	
See also ORG field in FAB	
Original line number	RMS-11 Utilities 2-31
ORIGINAL number	
range specification	
\$OSEP	
predefined syntax element in	
MML	
OTS	
library	
usage to extend record buffer	
\$OTSV	
low-memory context	
reserved global symbol	
OU ON/OFF command	
EDI editor	
\$OUIC	
predefined syntax element in	
MML	
\$OUICE	
predefined syntax element in	
MML	
/OUT keyword	
HELP command	
Outfile	
RMSBCK utility	
RMSCNV utility	
RMSDSP utility	
RMSIFL utility	
RMSRST utility	
Output	
displayed	
resuming	
suppressing	
suspending	
displaying	
Output file	
omitting specific	
Output file switch	
RMSBCK utility	
RMSIFL utility	
RMSRST utility	
Output listing limit switch	
OUTPUT ON/OFF command	
EDI editor	
OUTPUT qualifier (DCL)	
/OUTVOLUME qualifier	
BRU utility	
OVCTC module	
OVCTL module	
OVCTR module	
OVDAT module	
\$SOVDT	
PSECT	
reserved PSECT name	
Overflow mode	
Overlap seek support	
specifying	
valid device controller	
	EDT Editor 6-8
	EDT Editor 6-8
	System Management 12-44
	Program Development 7-1 to 7-2
	Task Builder 11-16
	Task Builder B-10
	Task Builder E-2
	Utilities 2-40
	System Management 12-42
	System Management 12-42
	MCR Operations 3-68
	RMS-11 Utilities 6-3
	RMS-11 Utilities 4-4
	RMS-11 Utilities 5-3
	RMS-11 Utilities 3-3
	RMS-11 Utilities 7-3
	MCR Operations 2-16 to 2-17
	MCR Operations 2-16
	MCR Operations 2-17
	MCR Operations 3-185
	Introduction 4-6, 4-10, Gloss-23
	Task Builder 1-3
	RMS-11 Utilities 6-6
	RMS-11 Utilities 3-5
	RMS-11 Utilities 7-7
	Crash Dump Analyzer 2-7
	Utilities 2-40
	EDT Editor 4-3
	Utilities 7-20
	Task Builder 5-52
	Task Builder 5-52
	Task Builder 5-52
	Task Builder 5-53
	Task Builder 5-53
	Task Builder E-3
	MCR Operations 4-33
	MCR Operations 3-194
	MCR Operations 3-194

MASTER INDEX

Overlapped I/O completion	System Generation C-7
Overlapped seek	I/O Drivers 5-7
Overlapped seek I/O	Writing I/O Driver 1-11
data base structures	Writing I/O Driver 2-8
data transfers	Writing I/O Driver 1-10
difficulty factor	Writing I/O Driver 1-10
executing parallel operations	Writing I/O Driver 1-10
Overlay	Task Builder 2-10
	RMS-11 User's Guide 8-2
allocation diagram	
creating ODL file with	Task Builder 3-35 to 3-40
and disk usage	RMS-11 User's Guide 8-14
autoload vector in	Task Builder 3-20
building an	Task Builder 3-41 to 3-48
building memory-resident	
for region	Task Builder 5-9
capability of an	Task Builder 3-1
choosing a memory-resident	Task Builder 3-14
co-tree	Task Builder 3-34 to 3-35
data base	Task Builder B-15
I- and D-space task	Task Builder B-16
data structure	Task Builder 3-19
linked into root	Task Builder 3-20
defining a multiple-tree	Task Builder 3-31 to 3-32
description	
effect on performance	Task Builder F-4
disk-resident	Task Builder 3-1 to 3-2
	RMS-11 User's Guide 1-13, 8-3,
	8-8 to 8-9
defined	Task Builder 4-1
effect of	
on physical memory	Task Builder 3-5
on virtual address space	Task Builder 3-5
effect of virtual address space	
on disk-resident	Task Builder 3-1 to 3-4
effect on memory	
of a disk-resident	Task Builder 3-2
of disk-resident	Task Builder 3-1, 3-3 to 3-4
effect on physical memory	
of memory-resident	Task Builder 3-6
effect on virtual address space	
of a memory-resident	Task Builder 3-6
error handling	Task Builder 4-12
example of building a	Task Builder 3-41 to 3-48
I- and D-space task	
disk image	Task Builder 7-8
in I- and D-space task	Task Builder 3-21, 7-5
PSECT	Task Builder 7-6
loading	
asynchronously	Task Builder 4-10
disk-resident	Task Builder 4-1
mechanism	Task Builder 3-16
memory-resident	Task Builder 4-1
methods	Task Builder 4-1
synchronously	Task Builder 4-8 to 4-9
MCR	MCR Operations 1-5
memory-resident	Task Builder 3-1, 3-6
	RMS-11 User's Guide 1-13, 8-3,
	8-6
conserving physical memory	Task Builder 3-14
defined	Task Builder 4-1
physical memory usage	Task Builder 3-6
region	Task Builder 5-9
virtual address space	Task Builder 3-14
multiuser task	Task Builder 9-2
of program	
in high-level language	Task Builder 3-40 to 3-41

MASTER INDEX

Overlay (Cont.)

operator	
enabling recognition of	Task Builder 10-34
suppression of a	
memory-resident	Task Builder 10-34
path loading in an	Task Builder 4-4
physical memory	Task Builder 3-33 to 3-35
program section	
specifying	Task Builder 3-19
region	
autoload vector	Task Builder 5-11
building	Task Builder 5-9
building option	Task Builder 5-10 to 5-11
descriptor in	Task Builder 3-20
example of building	Task Builder 5-10
global symbols in .STB file	Task Builder 5-11
resolving symbol	Task Builder 5-10 to 5-11
restrictions	Task Builder 5-12
.STB file	Task Builder 5-11
vectors in I- and D-space	
task	Task Builder 5-11
root segment structure	Task Builder 3-21
run-time	Task Builder 3-19
comparison of sizes in	
routine	Task Builder 4-16
module sizes	Task Builder 5-52 to 5-53
routine	Task Builder 3-19, 4-16
size of routine	Task Builder 4-16
support requirements	Task Builder 5-12, 5-51 to 5-53
use of routine	Task Builder 4-14 to 4-15
segment	
alignment	Task Builder 10-8
arrangement	Task Builder 3-15
descriptor in	Task Builder 3-20
processing order	Task Builder 3-17
symbol processing	Task Builder 3-17
structure	
considerations in creating	Task Builder 3-1
most effective	Task Builder 3-2
multiple-tree	Task Builder 3-18
multiply-defined global	
symbol	Task Builder 3-16
specifying library search in	
a	Task Builder 10-23
task	Task Builder 3-7, 3-9
global cross-reference of	Task Builder 4-12 to 4-14
segment calls	Task Builder 3-10
virtual address space	Task Builder 3-10
tree	Task Builder 3-15
calling segments in an	Task Builder 4-6
virtual	
address space	Task Builder 3-33 to 3-35
address space and memory	Task Builder 3-11 to 3-14
window	
block	Task Builder 3-49
descriptor in	Task Builder 3-20
written in high-level language	Task Builder 3-40 to 3-41
OVERLAY command	
EDI editor	Utilities 2-40
Overlay Description Language	
introduction	Task Builder 3-15
See also ODL	
Overlay Description Operator	
See ODL	
Overlay structure	
global symbol	

MASTER INDEX

Overlay structure
 global symbol (Cont.)
 ambiguously defined
 Overlay tree
 for I- and D-space task
 Overlay tree diagram
 virtual address space
 Override block size
 ANSI magtape
 parameter to FDBF\$A
 /OVERRIDE switch
 BAD utility
 Overriding default buffer size
 Overriding FCS defaults for
 magtape
 OVIDC module
 OVIDL module
 OVIDR module
 /OVL keyword
 SET command
 /OVR keyword
 HOME command
 MOUNT command
 /OVR switch
 FMT utility
 OVR symbolic argument
 /OVRACC keyword
 MOUNT command
 /OVREXP keyword
 MOUNT command
 /OVRFSID keyword
 MOUNT command
 \$\$OVRs
 reserved PSECT name
 OWNER
 RMSDES utility
 OWNER command
 RMD
 Owner group
 /OWNER keyword
 HOME command
 INI command
 Owner, file
 See PRG field in PRO block
 /OWNER_UIC qualifier
 SHOW_QUEUE command

P

P command
 ODT
 P error
 summary
 /P switch
 P\$-family macro
 declaring
 P\$BDB macro
 argument computation
 format
 P\$BUF macro
 argument computation
 format
 P\$FAB macro
 argument computation
 format

Task Builder 3-16
 Task Builder 7-7
 Task Builder 3-24
 I/O Operations 2-18
 I/O Operations 2-17
 Utilities 6-6
 I/O Operations 1-8
 I/O Operations 5-7
 Task Builder 5-52
 Task Builder 5-52
 Task Builder 5-52
 MCR Operations 3-194
 MCR Operations 3-75
 MCR Operations 3-125
 Utilities 5-9
 PDP-11 MACRO-11 6-42
 MCR Operations 3-125
 MCR Operations 3-125
 MCR Operations 3-125
 Task Builder E-3
 RMS-11 Utilities 2-34
 System Management 6-9
 MCR Operations 2-3
 MCR Operations 3-75
 MCR Operations 3-85
 Batch and Queue 2-16

ODT 2-10, 3-2 to 3-3
 Program Development 5-7
 PDP-11 MACRO-11 3-12, 3-14, 6-20,
 6-38, 7-16
 PDP-11 MACRO-11 D-4
 Error Logging 3-5, 3-8
 RMS-11 Macros C-2
 RMS-11 Macros 2-8
 RMS-11 Macros 2-4
 RMS-11 Macros 2-7
 RMS-11 Macros 2-4
 RMS-11 Macros 2-5
 RMS-11 Macros 2-4

MASTER INDEX

P\$IDX macro
 argument computation
 format
 P\$RAB macro
 argument computation
 format
 P\$RABX macro
 argument computation
 format
 /PA job switch
 QUE /MOD command
 /PA switch
 PRI command
 Packed decimal key
 See also XB\$PAC mask in DTP
 field
 .PACKED directive
 Packet information function
 Packet number
 switch
 Packet selection switches
 PACKET statement
 Packing decimal number
 Padding character
 RMSCNV utility
 RMSIFL utility
 Page
 display
 RMD
 Page Address Register
 See PAR
 PAGE command
 EDI editor
 Page Description Register
 See PDR
 .PAGE directive

 Page ejection
 PAGE FIND command
 EDI editor
 PAGE function
 Page header
 PAGE LOCATE command
 EDI editor
 /PAGE_COUNT job qualifier
 SET_QUEUE command
 /PAGE_COUNT qualifier
 PRINT command
 Paging
 memory
 See Virtual memory management
 Paper tape
 error conditions
 PC11 reader/punch
 SYSGEN question
 PR11 reader
 SYSGEN question
 punch
 reader
 ready recovery
 saving system on
 standard QIO
 status return
 /PAR
 PAR

 option

 RMS-11 Macros 2-5
 RMS-11 Macros 2-4

 RMS-11 Macros 2-5
 RMS-11 Macros 2-4

 RMS-11 Macros 2-5 to 2-6
 RMS-11 Macros 2-4

 Batch and Queue 2-20

 Batch and Queue 2-4
 RMS-11 User's Guide 6-6

 PDP-11 MACRO-11 6-31
 Error Logging 5-22
 Error Logging 3-1
 Error Logging 3-5, 3-8
 Error Logging 3-8
 Error Logging 5-28
 PDP-11 MACRO-11 6-31

 RMS-11 Utilities 4-12
 RMS-11 Utilities 3-6

 System Management 6-1

 Utilities 2-41

 PDP-11 MACRO-11 6-17 to 6-18
 Program Development 2-6
 PDP-11 MACRO-11 6-17

 Utilities 2-41
 EDT Editor 5-20
 PDP-11 MACRO-11 6-4

 Utilities 2-41

 Batch and Queue 2-20

 Batch and Queue 2-4
 RMS-11 User's Guide 8-10

 I/O Drivers 17-4

 System Generation 3-52

 System Generation 3-53
 I/O Drivers 17-1
 I/O Drivers 17-1
 I/O Drivers 17-4
 System Management 10-40 to 10-41
 I/O Drivers 17-2
 I/O Drivers 17-3 to 17-4
 Crash Dump Analyzer 2-2
 Task Builder 2-16
 Writing I/O Driver 1-2
 Task Builder 11-25

MASTER INDEX

PAR command
 command line format
 example
 VMR
 command line format
 example
 /PAR keyword
 INSTALL command
 VMR
 LOAD command
 VMR
 RUN command
 SET command
 VMR
 PAR option
 building region
 Parallel Communications Link
 See PCL
 Parallel interface
 DAll-B
 Parallel unit operation
 data base structures
 Parameter
 DCL
 IOX
 command category
 default overriding with
 FILES11
 default overriding with
 SELECT
 default shown with
 PARAMETERLIST
 device-dependent exercise
 exercising Files-11 volumes
 exercising magtape
 exercising NFS volume
 list of general exercise
 PARAMETERLIST command
 IOX
 displaying buffer space
 displaying defaults
 Parent connection
 creating
 transferring
 Parent/offspring tasking
 Parentheses
 use of
 in ODL
 Parity support
 /PARM keyword
 MOUNT command
 PARS1M
 PARS2M
 PARS3M
 .PARSE
 Parse
 .PARSE directive
 example
 format
 \$PARSE macro
 example
 PARSE operation
 BDB requirement
 I/O buffer requirement

MCR Operations 3-143
 MCR Operations 3-144
 MCR Operations 3-145
 System Management 10-30
 System Management 10-30
 System Management 10-30

MCR Operations 3-97
 System Management 10-22
 MCR Operations 3-108
 System Management 10-27
 MCR Operations 3-156
 MCR Operations 3-195
 System Management 10-54
 Task Builder 11-26
 Task Builder 5-2

I/O Drivers 12-2

Writing I/O Driver 2-8

Command Language 1-8

System Management 4-3

System Management 4-38

System Management 4-56

System Management 4-42

System Management 4-8

System Management 4-9

System Management 4-11

System Management 4-14

System Management 4-8

System Management 4-42

System Management 4-42

System Management 4-42

Executive 4-1

Executive 4-1

Executive 4-1

Task Builder 3-24

System Generation C-4

MCR Operations 3-126

Error Logging 4-4

Error Logging 4-4

Error Logging 4-4

I/O Operations 4-8

Introduction Gloss-23

MCR Operations 4-46

MCR Operations 4-46

MCR Operations 4-46

RMS-11 Macros 5-86

RMS-11 Macros 7-3, 7-7, 7-11,
 7-15

RMS-11 Introduction 4-1

RMS-11 User's Guide 1-17

RMS-11 Macros 3-6

RMS-11 Macros 2-8

RMS-11 Macros 2-7

MASTER INDEX

PARSE operation (Cont.)

- IFAB requirement
- \$PARSE macro
- remote access
- wildcard initialization

PARSEM

- Parser program
 - generating
- Parser table
 - DCL

Partition

- base address
 - common

CPU

- relative address
 - accessing
- creating

- declaring
 - device

- diagnostic
 - driver

- relative address
 - accessing
- eliminating

- fragmentation
 - in region
- information
 - acquiring
 - for command file
 - displaying

main

- name
- naming for target system
- option
- PCB address
- pool
- requirement
 - shared region
- requirements
 - region
- size
 - for TKB
 - specifying
 - specifying for region
 - system-controlled

- boundary
 - moving

- task
 - type

- user-controlled

- RMS-11 Macros 2-5
- RMS-11 Macros 5-86
- RMS-11 User's Guide B-1
- RMS-11 Macros 3-9
- Error Logging 4-4

I/O Operations 7-14

- System Management 12-6 to 12-12, 12-17 to 12-20, 12-46 to 12-47

- Introduction 5-6 to 5-7, 5-10, Gloss-24

- Command Language 7-38 to 7-45, 9-32

- MCR Operations 2-19

- Crash Dump Analyzer 3-21

- MCR Operations 3-189, 3-196

- System Management 14-1

- System Management 10-54

- MCR Operations 3-139

- MCR Operations 3-188, 3-195

- System Management 10-54

- Task Builder 11-25

- MCR Operations 3-189

- System Management 10-54

- MCR Operations 3-196

- MCR Operations 3-139

- MCR Operations 3-190, 3-197

- System Management 10-54

- System Management 14-3

- Task Builder 5-28

- MCR Operations 4-54

- MCR Operations 3-143

- System Management 10-30

- MCR Operations 3-196

- System Management 10-54

- Crash Dump Analyzer 3-21

- Task Builder C-1

- Task Builder 11-25

- Crash Dump Analyzer 3-21

- System Management 10-54

- Task Builder 5-3

- Task Builder 5-2

- Task Builder F-2

- System Management 10-54

- Task Builder 5-28

- MCR Operations 2-20, 3-189

- System Management 14-1

- MCR Operations 3-210

- System Management 10-47, 10-63

- MCR Operations 3-189

- MCR Operations 2-20, 3-143, 3-189, 3-195

- System Management 10-54

- System Management 14-1

MASTER INDEX

Partition Control Block
 See PCB
 Partition control block switch
 PARTITION DEFINITIONS command
 VMR
 Partition information
 attachment descriptor
 wait queue
 Partition information dump
 attachment descriptor
 individual
 system
 wait queue
 Partition status flags
 PASCAL/RSX
 new support
 /PASS option
 Password
 adding to account entry
 changing
 characters
 contained in account entry
 displaying
 \$PASSWORD card
 format
 PASTE buffer
 Paste command
 EDI editor
 PASTE command (nokeypad)
 PASTE function
 example with CUT and SELECT
 PAT utility
 See also Object file
 checksum
 command line
 error message
 file
 correction
 input
 Task Builder
 validating file content
 Patch
 D-space
 declaring an object level
 global relative
 Patch level
 RMSBCK utility
 RMSCNV utility
 RMSDEF utility
 RMSDSP utility
 RMSIFL utility
 RMSRST utility
 Patching
 object module
 See PAT utility
 source file
 See SLP utility
 task image file
 See ZAP utility
 Path loading
 See also Overlays
 example of
 in autoloader
 Crash Dump Analyzer 2-5
 MCR Operations 3-143
 System Management 10-30
 Crash Dump Analyzer 3-34
 Crash Dump Analyzer 3-34
 Crash Dump Analyzer 3-31
 Crash Dump Analyzer 3-33
 Crash Dump Analyzer 3-31
 Crash Dump Analyzer 3-31
 Crash Dump Analyzer 3-31
 Crash Dump Analyzer 3-33
 Release Notes 1-9
 PDP-11 MACRO-11 I-1
 Introduction 1-6, Gloss-24
 Command Language 3-3 to 3-4
 System Management 2-3
 MCR Operations 2-24
 System Management 2-2, 2-5
 System Management 2-3
 System Management 2-1
 System Management 2-4
 Batch and Queue 3-27
 EDT Editor 1-2, 2-1, 6-6
 Utilities 2-42
 EDT Editor 2-43, 8-15
 EDT Editor 2-12, 5-33
 EDT Editor 5-36
 Utilities 14-6
 Utilities 14-1
 Utilities 14-7
 Utilities 14-3
 Utilities 14-3
 Utilities 14-4
 Utilities 14-6
 Task Builder 11-13
 Task Builder 11-5
 Task Builder 11-19
 RMS-11 Utilities 6-5
 RMS-11 Utilities 4-9
 RMS-11 Utilities A-5
 RMS-11 Utilities 5-5
 RMS-11 Utilities 3-5
 RMS-11 Utilities 7-5
 Task Builder 4-3 to 4-4
 Task Builder 4-4
 Task Builder 4-3 to 4-4

MASTER INDEX

Pattern
 IOX
 altering test
 displaying test
 PATTERN command
 IOX
 /PATTERN switch
 BAD utility
 .PAUSE directive
 format
 PC
 value
 PC-relative
 location
 offset
 PCl1 paper tape reader/punch
 SYSGEN question
 /PCB
 PCB
 composite arrangement
 PCBDF\$

 PCL
 receiver
 device-specific QIO
 standard QIO
 status return
 transmitter
 device-specific QIO
 standard QIO
 status return
 PCL11 receiver/transmitter
 See also PCL
 SYSGEN question
 PCL11-B
 /PD switch
 RMSCNV utility
 RMSIFL utility
 \$\$PDLS
 PSECT
 reserved PSECT name
 PDP-11

 PDR

 PDS
 linking
 debugger
 ODT
 Percent sign %
 See also Wildcard
 in register expression
 Percent sign (%) operator
 Performance
 See also Speed
 improving TKB
 Peripheral configuration
 choosing at system generation
 Peripheral device

 System Management 4-46
 System Management 4-46

 System Management 4-46

 Utilities 6-6
 MCR Operations 4-46
 MCR Operations 4-46

 Program Development 4-8

 ODT 2-5, 4-5
 ODT 2-10, 7-2

 System Generation 3-52
 Crash Dump Analyzer 2-2

 Writing I/O Driver 2-11
 Crash Dump Analyzer C-47
 Writing I/O Driver A-46 to A-49

 I/O Drivers 13-9 to 13-11
 I/O Drivers 13-8
 I/O Drivers 13-11 to 13-12

 I/O Drivers 13-3 to 13-5
 I/O Drivers 13-3
 I/O Drivers 13-6 to 13-8

 System Generation 3-63
 I/O Drivers 13-1

 RMS-11 Utilities 4-12
 RMS-11 Utilities 3-6 to 3-7, 3-11

 Task Builder 5-52
 Task Builder E-3
 Introduction 5-3, Gloss-3,
 Gloss-24
 Task Builder 2-16
 Writing I/O Driver 1-2

 ODT 8-2
 ODT 1-3

 PDP-11 MACRO-11 5-2
 ODT 2-7, 4-7

 Task Builder F-1

 Writing I/O Driver 5-10 to 5-11
 Introduction 5-1, 5-5, 5-10,
 Gloss-24
 Command Language 5-1

MASTER INDEX

Peripheral Interchange Program

See PIP

See also PIP utility

Permanent symbol table

summary

Personal Printer

PF command

EDI editor

Physical

address

mapped system

space

Physical device

name

Physical I/O

Physical memory

dump switch

/PI switch

PIC (Position Independent Code)

PIP

asterisk (*)

cleaning up a UFD

creating a concatenated object

module

examining listing at terminal

/LI

/ME

printing listing

/PU

/SP

spooling listing

PIP utility

account file

copying

extending

command functions

copying Files-11 file

file control

command line

error code

error message

file

deleting

listing

merging

protecting

purging

renaming

spooling

file specification

default

wildcard

subswitch

description

merge

summary

switch

description

summary

UFD creating

wildcard

PIP/ENTER command (RMSBCK)

PDP-11 MACRO-11 3-6 to 3-7

PDP-11 MACRO-11 C-1 to C-7

I/O Drivers 2-4A

Utilities 2-41

Task Builder 2-13

Task Builder 2-17

Executive 3-2

Command Language 5-1 to 5-3, 5-5, 5-8

Crash Dump Analyzer 3-17

I/O Drivers 1-18 to 1-20

I/O Drivers 1-2

Executive 3-5

Crash Dump Analyzer 2-4

Task Builder 10-31

PDP-11 MACRO-11 G-1 to G-4

Introduction 4-2, 4-14

Command Language B-1

Program Development 1-8

Program Development 3-10

Program Development 3-9 to 3-10

Program Development 4-3 to 4-4

Program Development 3-6, 4-6, 7-4

Program Development 3-9

Program Development 4-3 to 4-4

Program Development 3-8 to 3-9

Program Development 3-10

Program Development 3-8

Program Development 3-8 to 3-9

Command Language 1-17

System Management 2-2

System Management 2-2

Utilities 3-8

Utilities 3-8

Utilities 3-14

Utilities 3-1

Utilities 3-53

Utilities 3-43

Utilities 3-17

Utilities 3-24

Utilities 3-9

Utilities 3-29

Utilities 3-31

Utilities 3-33

Utilities 3-38

Utilities 3-1

Utilities 3-1 to 3-2

Utilities 3-7

Utilities 3-14

Utilities 3-6

Utilities 3-11

Utilities 3-3

Utilities 3-14

Utilities 3-5

Utilities 3-3

Utilities 3-41

Utilities 3-7

RMS-11 Utilities 6-3

MASTER INDEX

%PKT
 PKTDF\$

 PL command
 EDI editor
 Placement control
 calculating starting LBN
 cylinder
 indexed files
 RMSBCK utility
 RMSDEF utility
 RMSRST utility
 sector
 track
 Platter
 /PLCTL keyword
 SET command
 VMR
 PLOCATE command
 EDI editor
 Plus operator
 Plus sign (+) command
 EDT editor
 Plus sign (+) operator
 /PM switch
 PMD
 enabling with TKB
 requesting

 .PMD file type
 See also PMD
 /PMD keyword
 ABORT command
 INSTALL command
 VMR
 RUN command
 PMD task
 installation for timely
 operation
 PMT
 aborting
 tasks

 assembling
 checkpointing
 internal cycle interval
 LINE FEED key
 message to console
 extreme fragmentation
 low pool state
 message to terminals
 cycle interval
 extreme fragmentation
 low pool state
 modifying
 overview
 PMTBLD.CMD
 pool use controls
 preventing
 invocation of TKTN
 tasks from executing
 response
 extreme fragmentation

 general fragmentation
 pool condition

 Error Logging 5-22
 Crash Dump Analyzer C-51
 Writing I/O Driver A-50 to A-55

 Utilities 2-41
 RMS-11 User's Guide 1-17, 1-19
 RMS-11 User's Guide 6-14
 RMS-11 User's Guide 6-13 to 6-14
 RMS-11 User's Guide 6-13
 RMS-11 Utilities 6-1
 RMS-11 Utilities A-14
 RMS-11 Utilities 7-1
 RMS-11 User's Guide 6-14
 RMS-11 User's Guide 6-13 to 6-14
 RMS-11 Introduction 2-1

 MCR Operations 3-197
 System Management 10-55

 Program Development 2-15
 PDP-11 MACRO-11 3-4

 Introduction 2-13 to 2-14
 ODT 2-3 to 2-4
 Task Builder 10-32
 Program Development 1-7
 Program Development 5-9
 MCR Operations 3-4, 3-98, 3-156
 System Management 10-23
 Program Development 5-10

 MCR Operations 3-4
 MCR Operations 3-98
 System Management 10-23
 MCR Operations 3-156

 Task Builder D-1

 System Management 13-12
 System Management 13-7 to 13-9,
 13-11 to 13-12
 System Management 13-1
 System Management 13-5, 13-11
 System Management 13-5, 13-11
 System Management 13-8

 System Management 13-7
 System Management 13-6

 System Management 13-6
 System Management 13-7
 System Management 13-6, 13-11
 System Management 13-11 to 13-12
 System Management 13-3
 System Management 13-10 to 13-12
 System Management 13-5, 13-12

 System Management 13-7
 System Management 13-7

 System Management 13-1, 13-3 to
 13-4, 13-7 to 13-10, 13-12
 System Management 13-3 to 13-4
 System Management 13-1, 13-3 to
 13-4

MASTER INDEX

PMT

response (Cont.)

pool state

RETURN key

stopping

Task Builder options

task-building

unstopping

PMTBLD.CMD

PNC symbolic argument

.POINT

restrictions

Pointer

See Cursor

Pointer line and error message

POINTER statement

/POOL

Pool

See also Get-space routine

allocation failure

buffer descriptor block

condition

Executive response

fluctuation

high

low

PMT response

relationship to pool limit

controls

PMT

declaring space

definition

event

fragment

fragmentation

affecting pool state

extreme

general

reducing

free

free-space list

I/O buffer

index descriptor block

internal FAB

internal RAB

key buffer

largest fragment

limit

See also SET, /PLCTL

relationship to pool

condition

monitor code

See Executive

monitor interface

See Executive

monitoring

parameters

setting

secondary

System Management 13-3 to 13-5

System Management 13-8

System Management 13-5

System Management 13-10

System Management 13-1

System Management 13-5

System Management 13-10 to 13-12

PDP-11 MACRO-11 6-20

I/O Operations 2-9, 4-18

I/O Operations 4-18

EDT Editor A-1

Error Logging 5-38 to 5-39

Crash Dump Analyzer 2-2

Introduction 5-6, 5-8 to 5-9,

Gloss-24

System Generation C-4

System Management 13-2

RMS-11 Macros 2-8

System Management 13-1, 13-4

System Management 13-4

System Management 13-4

System Management 13-4

System Management 13-1, 13-3 to 13-4

System Management 13-2

System Management 13-5, 13-12

RMS-11 Macros 2-4

System Generation 1-8

System Management 13-1

System Management 13-2 to 13-5, 13-13

System Management 13-9

System Management 13-3

System Management 13-1 to 13-4, 13-7 to 13-10, 13-12

System Management 13-2 to 13-4

System Management 13-13

Crash Dump Analyzer 3-15

System Management 13-2

RMS-11 Macros 2-19

RMS-11 Macros 2-6

RMS-11 Macros 2-5

RMS-11 Macros 2-5

RMS-11 Macros 2-5

RMS-11 Macros 2-6

Crash Dump Analyzer 3-15

System Management 13-2, 13-4

System Management 13-1

MCR Operations 3-197

System Management 10-55

Introduction 5-7, Gloss-29

MASTER INDEX

Pool	
secondary (Cont.)	
installing task in	MCR Operations 3-99
use	System Management 10-24
displaying	
SET /PLCTL command	MCR Operations 3-204
	System Management 10-59
	System Management 13-2, 13-12 to 13-13
size	
displaying	MCR Operations 3-198
	System Management 10-56 to 10-57
increasing	MCR Operations 3-198
	System Management 10-56
specifying	System Management 10-57
smallest possible block	Crash Dump Analyzer 3-15
state	
affected	
by pool condition	System Management 13-3
by pool fragmentation	System Management 13-3
high	System Management 13-11, 13-13
low	System Management 13-11, 13-13
overriding Executive	
notification	System Management 13-5
PMT response	System Management 13-3 to 13-4
system transition	System Management 13-4
total free bytes	Crash Dump Analyzer 3-15
use by DECnet on pregenerated kit	
Pool dump	System Generation 5-38
/POOL keyword	Crash Dump Analyzer 3-45
SET command	
VMR	MCR Operations 3-198
Pool Monitor Task	System Management 10-56
See PMT	
Pool statistics dump	
POOL\$B macro	Crash Dump Analyzer 3-1, 3-15
POOL\$E macro	RMS-11 Macros 2-4, C-2
declaring	RMS-11 Macros 2-4
Pool-declaration macro	RMS-11 Macros C-2
declaring	RMS-11 Macros 2-4
Pool-resident	RMS-11 Macros C-2
header	Writing I/O Driver 6-8
/POOLSIZ keyword	Writing I/O Driver 6-9
SET command	
VMR	System Management 10-57
Populating indexed files	RMS-11 User's Guide 6-26
primary key order	RMS-11 User's Guide 6-27
random insertions	RMS-11 User's Guide 6-28
bucket fill size	RMS-11 User's Guide 6-28
mass insertion	RMS-11 User's Guide 6-29
Ports	Writing I/O Driver 1-11
switching between	Writing I/O Driver 1-12
POS field in KEY block	
CREATE operation	RMS-11 Macros 5-18
DISPLAY operation	RMS-11 Macros 5-31
offset	RMS-11 Macros 6-68
OPEN operation	RMS-11 Macros 5-80
summary	RMS-11 Macros 6-89
POS0 field in KEY block	
offset	RMS-11 Macros 6-68
POS1 field in KEY block	
offset	RMS-11 Macros 6-68
POS2 field in KEY block	
offset	RMS-11 Macros 6-68
POS3 field in KEY block	
offset	RMS-11 Macros 6-68

MASTER INDEX

- POS4 field in KEY block
 - offset
- POS5 field in KEY block
 - offset
- POS6 field in KEY block
 - offset
- POS7 field in KEY block
 - offset
- .POSIT
- POSITION
 - RMSDES utility
- Position independent code
- /POSITION qualifier
- BRU utility
- Positioning
 - magtape
 - See FB\$NEF mask in FOP field
 - See also FB\$POS mask in FOP field
- .POSRC
- Postmortem Dump
 - See also PMD
 - content
 - example
 - sample
 - specifying a
- Power
 - loss
 - recovering
- Power failure
 - entry point
 - overview
- Power-fail recovery
 - card reader
 - DMC11
 - DT07
 - ICS/ICR
 - line printer
 - magnetic tape
- .PPASC
- /PR switch
 - PIP utility
- PR11 paper tape reader
 - SYSGEN question
- /PR:0 privileged task
- /PR:0 privileged task, uses of
- /PR:4 privileged task
- /PR:4 privileged task, uses of
- /PR:5 privileged task
- /PR:5 privileged task, uses of
- Preceding location
 - opening
- Predefined syntax element
 - MML
- Predriver initiation
 - processing during
- Pregenerated Kit
 - See also RC25 disk subsystem
 - new features
- Pregenerated kit
 - account file
 - BLDLAINIT.CMD
 - changing crash dump device
- RMS-11 Macros 6-68
- RMS-11 Macros 6-68
- RMS-11 Macros 6-68
- RMS-11 Macros 6-68
- I/O Operations 4-20
- RMS-11 Utilities 2-46
- PDP-11 MACRO-11 G-1 to G-4
- Utilities 7-20
- I/O Operations 3-24, 3-29, 4-19
- Task Builder D-1
- Task Builder D-3 to D-5
- Task Builder D-2
- Task Builder D-3 to D-5
- Task Builder 10-32
- System Management 15-32
- Writing I/O Driver 4-66
- Writing I/O Driver 2-6
- Release Notes 1-29
- I/O Drivers 1-39
- I/O Drivers 11-4
- I/O Drivers 12-12
- I/O Drivers 23-6
- I/O Drivers 18-72
- I/O Drivers 10-5
- I/O Drivers 8-14
- I/O Operations 4-7
- Task Builder 6-2, 10-33
- Utilities 3-29
- System Generation 3-53
- Task Builder 6-2, 6-4 to 6-5
- Task Builder 6-5
- Task Builder 6-2, 6-4 to 6-5
- Task Builder 6-5
- Task Builder 6-2, 6-4 to 6-6
- Task Builder 6-5
- ODT 4-4
- System Management 12-39 to 12-45
- Writing I/O Driver 3-2 to 3-4
- Release Notes 1-4
- System Generation 5-28
- System Generation 5-37
- System Generation 5-35

MASTER INDEX

Pregenerated kit (Cont.)

- copying
 - RL02 kit to DU-type disk
 - RL02 kit to RL02 disk
- DECnet
- definition
- DELETESYS.CMD
- deleting unused system
- description of system images
- detailed description
- device configuration
- example of copying
- Executive features included
- hardware support
- installation
- K-Series device
- kit contents
- LPAll-K laboratory subsystem
- overview
- recovering disk space
- restrictions
- RMS-11
- set-up information
- start-up procedure
 - configuration file statement
 - error message
 - tasks supplied
- PREPGEN
 - definition
 - description
 - SYSGEN question
- PRG field in PRO block
 - CLOSE operation
 - DISPLAY operation
 - offset
 - OPEN operation
 - RSTS/E
 - summary
- PRI command
 - file switches
 - format
 - job switches
- /PRI keyword
 - ALTER command
 - VMR
 - INSTALL command
 - VMR
 - RUN command
- PRI option
- Primary disk errors
- Primary index
 - See also Index
 - RMSCNV utility
 - RMSIFL utility
- Primary key
 - RMSCNV utility
 - RMSDEF utility
 - definition
 - RMSIFL utility
 - sorting
- Primary UNIBUS run
- /PRIN log file switch
- SUB command
- .PRINT
 - error handling

- System Generation 5-2
- System Generation 5-9
- System Generation 5-3
- System Generation 5-38
- System Generation 1-1
- System Generation 5-8, 5-14
- System Generation 5-5
- System Generation 5-5
- System Generation 5-31
- System Generation 5-34
- System Generation 5-16 to 5-20
- System Generation 5-31
- System Generation 5-32
- System Generation 5-2
- System Generation 5-37
- System Generation 5-1
- System Generation 5-37
- System Generation 5-1
- System Generation 5-35
- System Generation 5-33
- System Generation 5-29
- System Generation 5-20
- System Generation 5-20
- System Generation 5-21
- System Generation 5-27
- System Generation 5-29
- System Generation 1-12
- System Generation 3-6
- System Generation 3-16
- RMS-11 Macros 5-3
- RMS-11 Macros 5-32
- RMS-11 Macros 6-108
- RMS-11 Macros 5-81
- RMS-11 Macros D-4
- RMS-11 Macros 6-112
- Batch and Queue 2-3
- Batch and Queue 2-3
- Batch and Queue 2-3
- MCR Operations 3-15
- System Management 10-8
- MCR Operations 3-98
- System Management 10-23
- MCR Operations 3-157
- Task Builder 11-27
- System Management 18-10
- RMS-11 Utilities 4-1
- RMS-11 Utilities 3-10 to 3-11
- RMS-11 Introduction 3-7
- RMS-11 User's Guide 1-7, 1-11
- RMS-11 Utilities 4-1, 4-16
- RMS-11 Utilities A-10
- RMS-11 Utilities 3-5 to 3-6
- RMS-11 Utilities 3-9
- Writing I/O Driver 1-17
- Batch and Queue 3-18
- I/O Operations 8-2

MASTER INDEX

\$PRINT card
 command qualifiers
 See also PRINT command
 format
 PRINT command

command qualifiers
 DCL
 definition
 EDI editor
 example
 file qualifiers
 format
 MCR
 processing
 Print Despooler Transaction Block
 .PRINT directive
 PRINT FORMATTING statement
 keyword string
 Print head

Print job
 definition
 queued by system tasks
 DCL COPY command
 maps, logs, listings
 PIP
 PIP line printer
 queued by user tasks
 opening file on LPn:
 .PRINT
 PRINT command
 submission notification
 Print line truncation
 /PRINT log file qualifier
 SUBMIT command
 Print processor
 See also Despooler
 definition
 /PRINT qualifier
 SHOW QUEUE command
 Print Spooling
 .PRINT subroutine
 PRINT\$
 error handling
 error returns
 macro
 Printer

LA180
 LN01
 LP11
 LS11
 LV11
 new support
 PRINTSUMMARY command
 IOX
 /PRIO job switch
 QUE /MOD command
 SUB command
 /PRIO switch
 PRI command

Batch and Queue 3-26

Batch and Queue 3-26
 EDT Editor 7-13
 Introduction 3-7, 6-1 to 6-2
 Batch and Queue 1-3, 2-2
 Command Language 4-52 to 4-61,
 9-28 to 9-29
 Batch and Queue 2-3
 Program Development 1-12, 3-8
 Batch and Queue Gloss-6
 Utilities 2-17, 2-42
 Batch and Queue 2-7
 Batch and Queue 2-3
 Batch and Queue 2-3
 Program Development 3-9
 Batch and Queue 1-4 to 1-6
 System Management 17-32
 PDP-11 MACRO-11 7-15
 Error Logging 5-41
 Error Logging 5-41 to 5-42
 Introduction 1-1, 1-4, 1-6, 2-5,
 Gloss-24

Batch and Queue Gloss-7

Batch and Queue 2-12
 Batch and Queue 2-12
 Batch and Queue 2-12
 Batch and Queue 2-12

Batch and Queue 2-14
 Batch and Queue 2-13
 Batch and Queue 2-13
 Batch and Queue 2-2
 I/O Drivers 10-7

Batch and Queue 3-18
 Batch and Queue 1-3

Batch and Queue Gloss-6

Batch and Queue 2-16
 I/O Operations 8-1
 I/O Operations 8-2

I/O Operations 8-2
 I/O Operations 8-1
 I/O Operations 8-1
 Program Development 1-12
 RMS-11 Macros 3-1, 5-20, 5-37,
 5-42, 5-77, 5-88, 5-104,
 5-111, 5-117

I/O Drivers 10-2
 I/O Drivers 10-2
 I/O Drivers 10-2
 I/O Drivers 10-2
 I/O Drivers 10-2
 Release Notes 1-8

System Management 4-47

Batch and Queue 2-20
 Batch and Queue 3-17

Batch and Queue 2-5

MASTER INDEX

Priority

- definition
- task
 - declaring
- /PRIORITY job qualifier
 - SET QUEUE command
- /PRIORITY qualifier
 - PRINT command
 - SUBMIT command
- /PRIV keyword
 - SET command
 - VMR
- /PRIV subkeyword
 - CLI command
- Private buffer pool
 - See BPA field in FAB
 - See also BPS field in FAB
- Private device

<PRIVIL> symbol

Privilege

- terminal
 - specifying

Privileged and nonprivileged task

- distinction between

Privileged task

- accessing
 - Executive with a
 - I/O page with a
- building a
- comparison of nonprivileged and hazards of a
- in a mapped system
- logging off from
- MAC command sequence
- map of
- mapping of
 - /PR:0
 - /PR:4
 - /PR:5
- processor trap in a
 - specifying
- TKB command sequence
 - to examine unit control block

Privileged user

PRJ field in PRO block

- CLOSE operation
- DISPLAY operation
- offset
- OPEN operation
- RSTS/E
- summary

PRO block

- chaining to FAB
- declaring
- initializing
- summary

PRO field in PRO block

- CLOSE operation
- CREATE operation
- DISPLAY operation

Introduction 5-5 to 5-7, Gloss-24 to Gloss-25

Command Language 7-59 to 7-60, 9-33

Batch and Queue Gloss-7

Task Builder 11-27

Batch and Queue 2-20

Batch and Queue 2-5

Batch and Queue 3-17

MCR Operations 3-198

System Management 10-57

MCR Operations 3-39

Introduction 3-12

Command Language 5-9, 5-13, 5-22 to 5-25

MCR Operations 4-9

Introduction 1-22, 5-5, Gloss-25

MCR Operations 2-6, 2-18

MCR Operations 3-198

System Management 10-57

Task Builder 6-1

Task Builder 2-25, 6-1

Task Builder 6-4

Task Builder 6-4

Task Builder 6-6 to 6-11

Task Builder 6-1

Task Builder 6-1 to 6-2

Task Builder 6-1

Task Builder 6-1

Task Builder 6-9

Task Builder 6-10 to 6-11

Task Builder 6-2 to 6-3

Task Builder 6-2, 6-4 to 6-5

Task Builder 6-2, 6-4 to 6-5

Task Builder 6-2, 6-4 to 6-6

Task Builder 6-2

Task Builder 2-25, 6-2

Task Builder 6-10

Task Builder 6-6 to 6-11

Introduction 5-5, Gloss-25

RMS-11 Macros 5-3

RMS-11 Macros 5-32

RMS-11 Macros 6-108

RMS-11 Macros 5-81

RMS-11 Macros D-4

RMS-11 Macros 6-113

RMS-11 Introduction 4-8

RMS-11 Macros 2-12 to 2-13

RMS-11 Macros 2-8

RMS-11 Macros 2-9

RMS-11 Macros 6-108

RMS-11 Macros 5-3

RMS-11 Macros 5-11

RMS-11 Macros 5-32

MASTER INDEX

PRO field in PRO block (Cont.)
 offset
 OPEN operation
 RSTS/E
 summary
 /PRO keyword
 HOME command
 INI command
 INSTALL command
 VMR
 MOUNT command
 UFD command
 PRO macro
 MML
 PRO/RMS-11
 contrasted with RSTS/E RMS-11
 contrasted with RSX-11 RMS-11
 \$PROC
 predefined syntax element in
 MML
 PROCEDURE statement
 Proceed
 command
 count
 PROCEED command
 IOX
 Process control
 asynchronous
 synchronous
 Processing
 RMSBCK utility
 data integrity checking
 explicit/implicit file-spec
 extended diagnostic messages
 summary listing
 RMSCNV utility
 input file organization
 output file organization
 RMSDEF utility
 RMSIFL utility
 building alternate indexes
 command string checking
 loading output file
 reading and sorting input
 sorting alternate key files
 summary
 terminating
 RMSRST utility
 data integrity checking
 explicit/implicit file-spec
 extended diagnostic messages
 restoration account
 summary listing
 Processing blocks
 Processing files
 indexed files
 relative files
 sequential files
 Processing records
 indexed files
 relative files
 sequential files
 Processor
 failure

 RMS-11 Macros 6-108
 RMS-11 Macros 5-81
 RMS-11 Macros D-4
 RMS-11 Macros 6-114

 MCR Operations 3-75
 MCR Operations 3-86
 MCR Operations 3-98
 System Management 10-23
 MCR Operations 3-126
 MCR Operations 3-227

 System Management 12-36 to 12-37

 RMS-11 Macros D-1
 RMS-11 Macros D-3

 System Management 12-44
 Error Logging 5-33 to 5-34

 ODT 2-10, 3-2 to 3-3
 ODT 2-7, 3-3

 System Management 4-48
 Introduction 5-2
 I/O Drivers 14-3, 15-16
 I/O Drivers 14-3, 15-16

 RMS-11 Utilities 6-8
 RMS-11 Utilities 6-9
 RMS-11 Utilities 6-9
 RMS-11 Utilities 6-10
 RMS-11 Utilities 6-10
 RMS-11 Utilities 4-14
 RMS-11 Utilities 4-16
 RMS-11 Utilities 4-15
 RMS-11 Utilities A-1
 RMS-11 Utilities 3-9
 RMS-11 Utilities 3-12
 RMS-11 Utilities 3-9
 RMS-11 Utilities 3-10
 RMS-11 Utilities 3-9
 RMS-11 Utilities 3-11
 RMS-11 Utilities 3-1
 RMS-11 Utilities 3-12
 RMS-11 Utilities 7-9
 RMS-11 Utilities 7-11
 RMS-11 Utilities 7-10
 RMS-11 Utilities 7-11
 RMS-11 Utilities 7-10
 RMS-11 Utilities 7-12
 RMS-11 Introduction 4-1, 4-7
 RMS-11 User's Guide 1-20
 RMS-11 Introduction 4-1
 RMS-11 User's Guide 1-16
 RMS-11 User's Guide 7-10
 RMS-11 User's Guide 4-15
 RMS-11 User's Guide 3-15
 RMS-11 Introduction 4-1, 4-3
 RMS-11 User's Guide 1-10, 1-15
 RMS-11 User's Guide 7-2
 RMS-11 User's Guide 4-7
 RMS-11 User's Guide 3-7

MASTER INDEX

Processor

failure (Cont.)
 recovering
 floating point
 SYSGEN question
 halt
 tracing fault
 halting
 information
 displaying
 loop
 tracing fault
 memory size
 placing
 on line
 support on RSX-11M-PLUS
 type
 SYSGEN question
 Processor priority
 Processor Status Word

See also PSW

register

Processor-specific functions

Program

development step
 entry point definition
 fixed line number
 limit
 modularity
 section
 additive displaced relocation
 additive relocation
 adjacency requirement for
 allocation
 attribute
 attribute restriction
 blank (.BLK)
 creation
 displaced relocation
 element
 extension of
 in shared region
 making autoloading
 name
 name conflict
 naming restriction
 ordering
 overlay allocation
 relocation
 resolution of
 resolving names
 resolving names in region and
 task
 save attribute
 segregating
 sequential ordering of
 space allocation
 specifying explicitly in
 overlay
 specifying in overlay
 virtual
 section name
 applying autoloading indicator
 section name entry
 section name flag byte

System Management 15-31

System Generation 3-29

Writing I/O Driver 6-11

System Management 8-6

System Management 15-9

Writing I/O Driver 6-12

System Generation 3-29

System Management 15-21

System Generation 3-20

System Generation 3-20

Error Logging 4-20

Crash Dump Analyzer 3-2

ODT B-1

ODT 2-6, 5-3

Writing I/O Driver 1-17

Introduction Gloss-25

Task Builder 1-1

PDP-11 MACRO-11 6-39

EDT Editor 6-3

Task Builder A-18

PDP-11 MACRO-11 6-43

Task Builder 5-53

Task Builder A-21

Task Builder A-20

Task Builder 10-46

Task Builder 2-2

Task Builder 2-4

Task Builder 2-3

Task Builder 2-3

Task Builder 2-3

Task Builder A-19

Task Builder 2-2

Task Builder 11-14

Task Builder 5-7

Task Builder 4-3

Task Builder 2-3

Task Builder 5-7, 5-39 to 5-40

Task Builder 5-7

Task Builder 5-7, 10-36, 10-46

Task Builder 3-19

Task Builder A-19

Task Builder 3-19

Task Builder 5-7, 5-39 to 5-40

Task Builder 5-16

Task Builder 2-7

Task Builder 10-36, 10-46

Task Builder 10-36, 10-46

Task Builder 2-5 to 2-6

Task Builder 3-29

Task Builder 3-19

Task Builder 5-53

Task Builder A-7

Task Builder 4-3

Task Builder A-8

Task Builder A-8 to A-9

MASTER INDEX

Program (Cont.)	Program Development 1-4 to 1-5,
sectioning	2-5, 2-8 to 2-9
transfer address	PDP-11 MACRO-11 6-39
user	
breakpoints	Program Development 5-6
setting	Program Development 7-3
FORTRAN IV	Program Development 6-1
library	Program Development 6-4
macro symbol	Program Development 1-5
definition placement	
module	
name	Program Development 2-3, 2-5
version	Program Development 2-5
object library routines	Program Development 6-6
overview of development	Program Development 1-13 to 1-14
section definition	Program Development 2-8 to 2-9
system routines	Program Development 1-11
version	
identification	Task Builder A-10
Program counter	PDP-11 MACRO-11 5-1
See also PC	
definition	PDP-11 MACRO-11 3-10
Program development	
optimizing	RMS-11 User's Guide 8-9
Program execution	
continuing	ODT 3-2
resuming	ODT 3-2
Program identification directive	PDP-11 MACRO-11 6-16 to 6-17
Program section	
absolute	PDP-11 MACRO-11 6-42, 6-44 to 6-45
\$\$ALVC	Task Builder 7-11
\$\$ALVD	Task Builder 7-11
\$\$ALVI	Task Builder 7-11
context saving	PDP-11 MACRO-11 6-47 to 6-48
creating	PDP-11 MACRO-11 6-43 to 6-44
directive	
See .PSECT directive	
generated by TPARS	I/O Operations 7-10
I- and D-space task	
overlay	Task Builder 7-6
limit on quantity	PDP-11 MACRO-11 6-43
local symbol block control	PDP-11 MACRO-11 6-19 to 6-20
multiuser task	
I- and D-space	Task Builder 9-3
named	
in region	Task Builder 5-13
relocatable	PDP-11 MACRO-11 6-44 to 6-45
table	PDP-11 MACRO-11 1-1
virtual	
allocating physical memory to	Task Builder 5-56
a	
attaching virtual attribute	Task Builder 5-56
to a	Task Builder 5-58 to 5-61
building a task using	Task Builder 5-56, 5-58 to 5-61
creating a	Task Builder 5-56 to 5-57
FORTRAN run-time support for	Task Builder 5-55
option usage	Task Builder 11-40
specifying	Task Builder 5-56
specifying base address for a	Task Builder 5-54
specifying length	Task Builder 5-54
specifying physical size	Task Builder 5-54
specifying window size	Task Builder 5-54
support for a	Task Builder 5-56 to 5-57
Program section naming	
table	System Library 2-3

MASTER INDEX

Program sectioning directive
 .ASECT
 .CSECT
 .PSECT
 .RESTORE
 .SAVE
 Program version number
 See Version identifier
 Programming
 advanced
 techniques
 Programming conventions
 general
 Programming standard
 Prologue
 indexed files
 bucket size
 relative files
 Prologue version number
 See PVN field in SUM block
 Prompt

 EDT editor
 explicit

 explicit MCR
 displaying
 implicit

 ODT
 RMSBCK utility
 RMSCNV utility
 RMSDES utility
 conditional

 RMSDSP utility
 RMSIFL utility
 RMSRST utility
 specifying
 task
 terminal
 default
 type
 user-specified
 /PROMPT subkeyword
 CLI command
 Prompting
 CLI
 \$PRONC
 predefined syntax element in
 MML
 PROTECTION
 RMSDES utility
 Protection
 file

 See also PRO field in PRO
 block
 RMSDEF utility
 RMSRST utility

PDP-11 MACRO-11 6-40 to 6-48
 PDP-11 MACRO-11 6-46 to 6-47
 PDP-11 MACRO-11 6-46 to 6-47
 PDP-11 MACRO-11 6-40 to 6-45
 PDP-11 MACRO-11 6-47 to 6-48
 PDP-11 MACRO-11 6-47 to 6-48

 Program Development 1-6

 System Library 1-1
 PDP-11 MACRO-11 E-1 to E-16
 RMS-11 Introduction 3-15
 RMS-11 User's Guide 1-19
 RMS-11 User's Guide 5-2
 RMS-11 User's Guide 5-2
 RMS-11 User's Guide 4-1

 Introduction 1-3, 1-11, 2-3, 4-6,
 4-11, Gloss-12, Gloss-16 to
 Gloss-17, Gloss-25
 Command Language 1-3, 3-15
 Introduction 2-3
 Introduction 1-5, Gloss-12,
 Gloss-25
 MCR Operations 1-3
 MCR Operations 2-16
 Introduction 1-6, 2-15, Gloss-16
 to Gloss-17, Gloss-25
 ODT 1-4
 RMS-11 Utilities 6-2
 RMS-11 Utilities 4-3
 RMS-11 Utilities 2-2
 RMS-11 Utilities 2-1, 2-13, 2-15,
 2-17, 2-29
 RMS-11 Utilities 5-2
 RMS-11 Utilities 3-2
 RMS-11 Utilities 7-2
 MCR Operations 3-37 to 3-38
 MCR Operations 2-14

 MCR Operations 2-14
 MCR Operations 2-13
 I/O Operations 6-4, 6-10

 MCR Operations 3-39

 System Management 11-7 to 11-9

 System Management 12-44

 RMS-11 Utilities 2-33
 RMS-11 User's Guide 1-18
 Introduction 3-6, 5-6, Gloss-25
 to Gloss-26
 Command Language 2-6, 4-79 to
 4-82, 5-28, 5-38, 5-51, 5-58,
 9-33
 System Management 2-2

 RMS-11 Utilities A-18
 RMS-11 Utilities 7-7

MASTER INDEX

Protection (Cont.)
volume

XAB

See PRO block

Protection code
file

PIP utility

/PROTECTION qualifier

BRU utility

Prototype ODL file

Prototype task

batch processor

despool

PRS2AM

PRS2BM

PRT...

PSECT

See also Program section

.PSECT directive

See also Program section
symbolic argument

PSECT name

.FCTR directive

argument

Pseudo device

CL:

CO:

LB:

MK:

name

NL:

RD:

SP:

SY:

TI:

VT:

WK:

PSW

\$PTBYT routine

.PTLUN

reserved global symbol

\$PTWRD routine

/PU switch

PIP utility

/PUB keyword

MOUNT command

SET command

VMR

Public device

Punched card

PURGE command

DCL

PUT argument to ORG\$ macro

\$PUT macro

key access

sequential access

Command Language 5-31, 5-38, 5-52,
5-58

Utilities 3-26

Utilities 7-20

RMS-11 User's Guide 8-3

System Management 7-1

System Management 7-1

Error Logging 4-4

Error Logging 4-4

System Management 7-7

I/O Operations 7-10

PDP-11 MACRO-11 3-11, 6-40 to
6-45

Program Development 2-8 to 2-9

Task Builder 3-29

PDP-11 MACRO-11 6-40 to 6-42

Task Builder 3-26

Introduction 3-8, Gloss-26

Command Language 5-1 to 5-8

Command Language 5-6

Command Language 5-6

Command Language 5-6

Command Language 5-6

I/O Drivers 1-21

Command Language 5-6

Command Language 5-6

Command Language 5-6

Command Language 4-2, 4-77 to
4-79, 5-6, 5-72 to 5-73, 9-31

Command Language 5-7

Command Language 5-6

Command Language 5-6

Executive 1-2

Writing I/O Driver 7-31

Task Builder E-2

Writing I/O Driver 7-32

Utilities 3-31

MCR Operations 3-126

MCR Operations 3-199

System Management 10-57

Command Language 5-9, 5-13, 5-75

I/O Drivers 11-1

Introduction 3-9 to 3-10

Command Language 4-34 to 4-37,
9-29

Program Development 3-9

RMS-11 Macros 2-3

RMS-11 Macros 5-95

RMS-11 Macros 5-91

MASTER INDEX

PUT operation	RMS-11 Introduction 4-4
access modes	RMS-11 User's Guide 1-15
and key position	RMS-11 Macros 4-10
and ODLs	RMS-11 Introduction 4-6
and shared access	RMS-11 User's Guide 6-7
and stream records	RMS-11 User's Guide 8-5
declaring with ORG\$ macro	RMS-11 User's Guide 2-6
deferred write	RMS-11 User's Guide 2-17
duplicate keys	RMS-11 Macros 2-3
indexed files	RMS-11 User's Guide 7-9
key access	RMS-11 User's Guide 6-9
mass insertion	RMS-11 User's Guide 7-5, 7-9
sequential access	RMS-11 User's Guide 5-10, 7-6
initial allocation	RMS-11 User's Guide 7-9
key access	RMS-11 User's Guide 5-17, 7-6
locate mode	RMS-11 User's Guide 4-4
move mode	RMS-11 User's Guide 1-16
indexed files	RMS-11 User's Guide 3-14
relative files	
sequential files	RMS-11 User's Guide 7-7
optimizing	RMS-11 User's Guide 4-12
\$PUT macro	RMS-11 User's Guide 3-13
key access	RMS-11 User's Guide 6-7
sequential access	
relative files	RMS-11 Macros 5-95
key access	RMS-11 Macros 5-91
sequential access	RMS-11 User's Guide 4-11
sequential access	RMS-11 User's Guide 4-11
sequential files	RMS-11 User's Guide 4-11
key access	RMS-11 User's Guide 1-16
sequential access	RMS-11 User's Guide 3-10
PUT statement	RMS-11 User's Guide 3-10
PUT\$	RMS-11 User's Guide 3-10
FDB	Error Logging 4-31, 5-39
locate mode	I/O Operations 3-24
move mode	I/O Operations 3-26
random mode	I/O Operations 3-24, 3-27
PUT\$ macro call	I/O Operations 3-24, 3-26
format	I/O Operations 3-24
parameters	
PUT\$R	I/O Operations 3-25
PUT\$R macro call	I/O Operations 3-25
format	I/O Operations 3-28
parameters	
PUT\$\$	I/O Operations 3-29
PUT\$\$ format	I/O Operations 3-29
See PUT\$	I/O Operations 3-30
PVN field in SUM block	
DISPLAY operation	RMS-11 Macros 5-32
offset	RMS-11 Macros 6-145
OPEN operation	RMS-11 Macros 5-81
summary	RMS-11 Macros 6-151
PWRUP routine	Executive 5-54
 Q	
Q error	PDP-11 MACRO-11 3-16, 6-28 to 6-29, 6-33, 6-37, 7-8
summary	PDP-11 MACRO-11 D-4
Q register	ODT 2-6, 4-1, 5-3, 7-2 to 7-3
indicator	ODT 2-3, 2-10, 7-3
Q.xxx offsets	
in I/O packet	Writing I/O Driver 4-15 to 4-16
\$QERMV	Error Logging 4-25
\$QINSP routine	Writing I/O Driver 7-33

MASTER INDEX

QIO	I/O Drivers 1-16
\$C form	I/O Drivers 1-15
device-independent	I/O Drivers C-1
device-specific	
A/D converter	I/O Drivers 14-2 to 14-3
card reader	I/O Drivers 11-3
cassette	I/O Drivers 9-3
DECTape	I/O Drivers 6-3
disk	I/O Drivers 5-7 to 5-8
DT07	I/O Drivers 23-4 to 23-6
graphic display driver	I/O Drivers 20-2
ICS/ICR	I/O Drivers 18-8 to 18-12
laboratory peripheral system	I/O Drivers 16-3 to 16-9
LPA11-K	I/O Drivers 21-27 to 21-29
magnetic tape	I/O Drivers 8-4 to 8-9
message-oriented	
communication	I/O Drivers 12-5 to 12-7
PCL receiver	I/O Drivers 13-9 to 13-11
PCL transmitter	I/O Drivers 13-3 to 13-5
RA80	I/O Drivers 5-8
terminal	I/O Drivers 2-8 to 2-10, 3-5 to 3-6
TU58	I/O Drivers 7-3 to 7-4
UDC11	I/O Drivers 15-3 to 15-9
virtual terminal	I/O Drivers 4-2, 4-5
\$ form	I/O Drivers 1-14
function summary	I/O Drivers A-1
macro format	I/O Drivers 1-9
\$S form	I/O Drivers 1-15
standard	
A/D converter	I/O Drivers 14-2
card reader	I/O Drivers 11-2
cassette	I/O Drivers 9-2
DECTape	I/O Drivers 6-2
disk	I/O Drivers 5-5 to 5-7
DT07	I/O Drivers 23-2 to 23-3
graphic display driver	I/O Drivers 20-2
ICS/ICR	I/O Drivers 18-8 to 18-12
laboratory peripheral system	I/O Drivers 16-2
line printer	I/O Drivers 10-3
magnetic tape	I/O Drivers 8-4
message-oriented	
communication	I/O Drivers 12-5
paper tape	I/O Drivers 17-2
PCL receiver	I/O Drivers 13-8
PCL transmitter	I/O Drivers 13-3
terminal	I/O Drivers 2-7
TU58	I/O Drivers 7-2 to 7-3
UDC11	I/O Drivers 15-3
summary of form	I/O Drivers 1-14
virtual terminal	I/O Drivers 4-2
QIO directive	
building I/O packet	Writing I/O Driver 4-11
creating DPB	Writing I/O Driver 3-2
directive dispatching	Writing I/O Driver 3-2
QIO Directive Parameter Block	
See QIO DPB	
QIO DPB	Writing I/O Driver 4-12, 4-15 to 4-16
QIO function	
executing	I/O Operations 4-20
QIO request	Writing I/O Driver 2-11
QIO\$ directive	Executive 5-112
	I/O Operations 2-41 to 2-42
	Executive 5-116
QIOW\$	I/O Drivers 1-16

MASTER INDEX

QMG

- definition
- dequeueing jobs
- output
- queueing jobs
- special applications
- stopping
 - using SHUTUP
- QMG batch job
 - definition
- QMGCLI
- \$QTRAN
- \$QTRAN1
- \$QTRAN2
- QUA macro
 - MML
- Qualifier
 - BRU utility
 - command
- command file
- DCL
 - list
 - example
 - filespec
 - floating
 - purpose
- Qualifier, MACRO command
- Quantity register
 - indicator
- QUE /AS command
 - MCR
- QUE /CR command
 - MCR
- QUE /DEA command
 - MCR
- QUE /DEL command
 - format
 - MCR
- QUE /DEL:Q command
 - MCR
- QUE /HO command
 - format
 - entry number
 - job name
- QUE /KIL command
 - MCR
- QUE /LI command
 - batch queue
 - display
 - format
 - print queue
 - QUE /LI display
 - switches
- QUE /LI:DEV command
 - format
- QUE /MOD command
 - example
 - file format
 - switches
 - job format
 - switches

- Batch and Queue 1-1
- Command Language 1-16, 4-52, 9-44, 9-46, B-1
- Program Development 1-12
- System Management 7-1
- Batch and Queue Gloss-7
- Batch and Queue 2-1
- Batch and Queue 1-3
- Batch and Queue 2-1
- Batch and Queue 1-2
- System Management 8-6
- Batch and Queue 1-7, 3-2
- Batch and Queue Gloss-7
- System Management 7-1 to 7-2
- System Management 17-18
- System Management 17-19
- System Management 17-20
- System Management 12-37 to 12-38
- Introduction 2-3, Gloss-27
- Utilities 7-12
- Introduction 2-3, Gloss-7, Gloss-27
- EDT Editor 4-1
- EDT Editor 4-2
- Command Language 1-3 to 1-5
- EDT Editor 4-3
- EDT Editor 4-7
- Introduction Gloss-15, Gloss-27
- Command Language 1-3 to 1-5
- EDT Editor 4-1
- PDP-11 MACRO-11 8-8
- ODT 2-6, 5-3, 7-3
- ODT 2-10, 7-3
- System Management 7-8, 7-12, 7-22
- System Management 7-4, 7-11, 7-13
- System Management 7-22
- Batch and Queue 2-10
- System Management 7-19
- System Management 7-20
- Batch and Queue 2-22
- Batch and Queue 2-22
- System Management 7-25
- Batch and Queue 2-14
- Batch and Queue 1-9
- Batch and Queue 2-16 to 2-17
- Batch and Queue 2-15
- Batch and Queue 1-9
- Batch and Queue 1-10
- Batch and Queue 2-15
- Batch and Queue 2-18
- Batch and Queue 2-21
- Batch and Queue 2-19
- Batch and Queue 2-19

MASTER INDEX

QUE /REL command
 format
 entry number
 job name
 QUE /SP command
 DCL
 MCR
 /FO keyword
 QUE /STA command
 MCR
 QUE /STA:QMG command
 MCR
 /FO keyword
 QUE /STO command
 MCR
 QUE /STO:QMG command
 MCR
 QUE /STO:QUE command
 MCR
 QUE /UNSP command
 MCR
 \$QUEBF routine
 Query mode
 RMSBCK utility
 RMSRST utility
 QUERY qualifier
 MOVE
 Question mark (?)
 ODT
 Question mark (?) symbol
 Queue
 assignments
 BATCH queue
 definition
 clock
 definition
 device
 definition
 device-specific
 disk file
 definition
 disk file (QUEUE.SYS)
 RSX-11M-PLUS
 displaying information
 general
 job
 holding
 releasing
 status
 altering
 PRINT
 definition
 Queue I/O and Wait
 See QIOW\$
 Queue I/O Request
 See QIO
 Queue I/O Request And Wait
 directive
 Queue I/O Request directive
 Queue Manager
 See also QMG
 note on software
 SYSGEN question
 Batch and Queue 2-23
 Batch and Queue 2-23
 System Management 7-18
 System Management 7-6, 7-13 to 7-17, 7-19
 System Management 7-17
 System Management 7-26 to 7-31
 System Management 7-3, 7-26 to 7-27
 System Management 7-23 to 7-25
 System Management 7-23
 System Management 7-23
 System Management 7-20 to 7-22
 Writing I/O Driver 1-14
 RMS-11 Utilities 6-5 to 6-7, 6-10
 RMS-11 Utilities 7-6 to 7-8, 7-11
 EDT Editor 7-3, 7-17
 EDT Editor 7-12
 Program Development 5-3
 ODT A-1
 Batch and Queue 1-1
 Batch and Queue 1-2
 Batch and Queue Gloss-2
 Command Language 7-12 to 7-15, 7-23, 7-60, 9-37
 Batch and Queue Gloss-7
 Batch and Queue Gloss-3
 Batch and Queue 1-2, Gloss-3
 Batch and Queue Gloss-7
 Batch and Queue 1-1
 Batch and Queue 2-1
 Batch and Queue 1-2, Gloss-5
 Batch and Queue 2-1
 Batch and Queue 2-1
 Batch and Queue 2-1
 Batch and Queue 2-1
 Batch and Queue Gloss-7
 Executive 5-116
 Executive 5-112
 Introduction Gloss-27
 Release Notes 1-40
 System Generation 3-25

MASTER INDEX

Queue optimization
 entry point
 /QUEUE qualifier
 SUBMIT command
 /QUEUE:queuename qualifier
 PRINT command
 Queuename job switch
 SUB command
 Queuename parameter
 DELETE command
 Queuename switch
 PRI command
 Quiet mode
 /QUIET subkeyword
 CLI command
 QUIT command
 EDT editor
 keypad editing
 line editing
 nokeypad editing
 RMSDES utility
 QUIT/SAVE
 example
 line editing
 RECOVER qualifier
 simulate system failure
 Quotation mark
 command line with
 EDT editor
 Quotation mark (") operator
 Quote character
 Quoted string
 file specification
 remote file specification
 QUPKT

R

R command
 ZAP utility
 R error
 summary
 ^R operator
 R register
 /R switch
 R\$-family macro
 declaring
 /R5 switch
 DMP utility
 \$R50
 predefined syntax element in
 MML
 /RA switch
 RMSBCK utility
 RMSRST utility
 RA60
 RA60/80/81 disk
 SYSGEN question
 RA80
 RA81
 RAB
 declaring
 initializing
 summary
 RAB\$B macro

Writing I/O Driver 1-15
 Writing I/O Driver 4-65

 Batch and Queue 3-17

 Batch and Queue 2-4

 Batch and Queue 3-17

 Batch and Queue 2-10

 Batch and Queue 2-4
 MCR Operations 4-33

 MCR Operations 3-39
 EDT Editor 5-9, 5-21, 7-14, 8-15
 Introduction 2-14 to 2-15
 EDT Editor 2-20, 5-9
 EDT Editor 7-14
 EDT Editor 8-15
 RMS-11 Utilities 2-2, 2-12, 2-18

 EDT Editor 3-4
 EDT Editor 7-14
 EDT Editor 3-2
 EDT Editor 3-2

 MCR Operations 1-2
 Introduction 2-13 to 2-14
 ODT 2-7, 4-6
 PDP-11 MACRO-11 6-25

 RMS-11 User's Guide A-5
 RMS-11 User's Guide B-2
 Error Logging 4-24

EDT Editor 8-15
 ODT 2-10
 Utilities 15-18
 PDP-11 MACRO-11 3-10
 PDP-11 MACRO-11 D-4
 PDP-11 MACRO-11 3-5, 6-30
 ODT 2-7, 5-5 to 5-6
 Error Logging 2-4, 2-7, 3-6, 3-27
 RMS-11 Macros 2-9
 RMS-11 Macros C-2

 Utilities 11-7

 System Management 12-41

 RMS-11 Utilities 6-6 to 6-7, 6-9
 RMS-11 Utilities 7-7, 7-11
 I/O Drivers 5-4

 System Generation 3-42
 I/O Drivers 5-4
 I/O Drivers 5-4
 RMS-11 Introduction 4-8
 RMS-11 Macros 2-8
 RMS-11 Macros 2-9
 RMS-11 Macros 6-115
 RMS-11 Macros 2-8, C-2

MASTER INDEX

RAB\$BT macro
 RAB\$E macro
 declaring
 RABOF\$ macro
 RAC field in RAB
 FIND operation
 GET operation
 offset
 PUT operation
 summary
 .RAD50 directive
 <RAD50> symbol
 Radix control
 temporary operator
 Radix default
 .RADIX directive

 Radix-50
 character set

 displaying
 evaluation
 operator (%)
 separator (*)
 temporary operator
 Radix-50 conversion
 ASCII to Radix-50 (\$CAT5)
 ASCII with blanks to Radix-50 (\$CAT5B)
 Radix-50 to ASCII (\$C5TA)
 Random access

 by key

 FIND
 GET
 match criterion
 PUT
 by RFA

 FIND
 GET
 by VBN

 match criteria
 to indexed files

 to relative files
 to sequential files
 RANDOM command
 IOX
 Random mode
 Range
 contiguous line
 EDT editor

 MOVE command
 noncontiguous
 SELECT function
 single line
 specifiers for noncontiguous
 Trace program
 RANGE command
 IOX

RMS-11 Macros C-2
 RMS-11 Macros 2-9
 RMS-11 Macros C-2
 RMS-11 Macros C-2
 RMS-11 Macros 4-4 to 4-6
 RMS-11 Macros 5-49, 5-51, 5-54
 RMS-11 Macros 5-60, 5-63, 5-67
 RMS-11 Macros 6-115
 RMS-11 Macros 5-91, 5-95
 RMS-11 Macros 6-127
 PDP-11 MACRO-11 6-29 to 6-30
 MCR Operations 4-9
 PDP-11 MACRO-11 3-14, 6-31, 6-33
 PDP-11 MACRO-11 6-31 to 6-32
 PDP-11 MACRO-11 3-14
 PDP-11 MACRO-11 3-14, 6-32 to 6-33
 Command Language A-1
 ODT 7-4
 PDP-11 MACRO-11 A-4 to A-5
 ODT 4-6 to 4-7
 ODT 7-4
 ODT 2-7, 4-6 to 4-7
 ODT 2-5, 7-4
 PDP-11 MACRO-11 6-30

 System Library 4-6

 System Library 4-8
 System Library 5-11
 Introduction 5-11 to 5-12,
 Gloss-27
 RMS-11 Introduction 2-4
 RMS-11 User's Guide 1-7, 1-9
 RMS-11 Introduction 3-12
 RMS-11 User's Guide 1-12
 RMS-11 User's Guide 1-16
 RMS-11 User's Guide 1-16
 RMS-11 Introduction 3-12
 RMS-11 User's Guide 1-16
 RMS-11 Introduction 3-11
 RMS-11 User's Guide 1-12
 RMS-11 User's Guide 1-16
 RMS-11 User's Guide 1-16
 RMS-11 Introduction 3-12
 RMS-11 User's Guide 1-20
 RMS-11 User's Guide 5-13
 RMS-11 User's Guide 5-7, 5-9,
 6-12
 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 3-2

 System Management 4-49
 I/O Operations 3-22

 EDT Editor 6-10
 Introduction 2-5 to 2-9, 2-11 to 2-14
 EDT Editor 7-11
 EDT Editor 6-11
 EDT Editor 5-33
 EDT Editor 6-7 to 6-8
 EDT Editor 6-11
 ODT 8-2

 System Management 4-50

MASTER INDEX

Range specification	EDT Editor 2-23
ALL	EDT Editor 6-11
AND	EDT Editor 6-11
BEFORE	EDT Editor 6-10
BEGIN	EDT Editor 6-8
contiguous line	EDT Editor 6-10
description	EDT Editor 6-7
END	EDT Editor 6-8
FOR	EDT Editor 6-10
for text buffer	EDT Editor 6-11
LAST	EDT Editor 6-8
noncontiguous line	EDT Editor 6-11
number	EDT Editor 6-8
ORIGINAL number	EDT Editor 6-8
period (.)	EDT Editor 6-8
REST	EDT Editor 6-10
string	EDT Editor 6-8
THRU	EDT Editor 2-30, 6-10
WHOLE	EDT Editor 2-22, 6-10
RAT field in FAB	
CREATE operation	RMS-11 Macros 5-11 to 5-12
offset	RMS-11 Macros 6-23
OPEN operation	RMS-11 Macros 5-78
summary	RMS-11 Macros 6-59
FB\$BLK mask	RMS-11 Macros 6-60
RATE command	
RMD	System Management 6-8 to 6-9, 6-11 to 6-12A
RB\$-family symbol	
declaring	RMS-11 Macros C-2
RB\$ASY mask in ROP field	RMS-11 Macros 4-1
CONNECT operation	RMS-11 Macros 5-7
DELETE operation	RMS-11 Macros 5-25
DISCONNECT operation	RMS-11 Macros 5-27
FIND operation	RMS-11 Macros 5-49, 5-51, 5-54
FLUSH operation	RMS-11 Macros 5-56
FREE operation	RMS-11 Macros 5-58
GET operation	RMS-11 Macros 5-60, 5-63, 5-67
NXTVOL operation	RMS-11 Macros 5-70
PUT operation	RMS-11 Macros 5-91, 5-95
READ operation	RMS-11 Macros 5-98, 5-100
REWIND operation	RMS-11 Macros 5-114
RSTS/E	RMS-11 Macros D-4
SPACE operation	RMS-11 Macros 5-120
summary	RMS-11 Macros 6-131
TRUNCATE operation	RMS-11 Macros 5-122
UPDATE operation	RMS-11 Macros 5-124
value	RMS-11 Macros 6-115
WRITE operation	RMS-11 Macros 5-127, 5-129
RB\$BID code in BID field	
summary	RMS-11 Macros 6-116
value	RMS-11 Macros 6-115
RB\$BLL code in BLN field	
RSTS/E	RMS-11 Macros D-4
value	RMS-11 Macros 6-115
RB\$BLN code in BLN field	
value	RMS-11 Macros 6-115
RB\$EOF mask in ROP field	
CONNECT operation	RMS-11 Macros 5-7
summary	RMS-11 Macros 6-132
value	RMS-11 Macros 6-115
RB\$FDL mask in ROP field	
DELETE operation	RMS-11 Macros 5-25
summary	RMS-11 Macros 6-133
value	RMS-11 Macros 6-115
RB\$KEY code in RAC field	
FIND operation	RMS-11 Macros 4-5
	RMS-11 Macros 5-51

MASTER INDEX

RB\$KEY code in RAC field (Cont.)

- GET operation
- PUT operation
- value
- RB\$KGE mask in ROP field
 - FIND operation
 - GET operation
 - summary
 - value
- RB\$KGT mask in ROP field
 - FIND operation
 - GET operation
 - summary
 - value
- RB\$LOA mask in ROP field
 - PUT operation
 - summary
 - UPDATE operation
 - value
- RB\$LOC mask in ROP field
 - CONNECT operation
 - GET operation
 - PUT operation
 - summary
 - value
- RB\$MAS mask in ROP field
 - PUT operation
 - summary
 - value
- RB\$RFA code in RAC field
 - FIND operation
 - GET operation
 - value
- RB\$SEQ code in RAC field
 - FIND operation
 - GET operation
 - PUT operation
 - value
- RB\$UIF mask in ROP field
 - PUT operation
 - summary
 - value
- \$RBCAL macro
- RBF field in RAB
 - CONNECT operation
 - GET operation
 - offset
 - PUT operation
 - READ operation
 - summary
 - UPDATE operation
 - WRITE operation
- /RC switch
 - DMP utility
 - RMSBCK utility
 - RMSRST utility
 - VFY utility
- RC25
- RC25 disk
 - SYSGEN question
 - note
- RCML\$
- RCST\$
- RCT
 - bad block
 - detection
 - notification

- RMS-11 Macros 5-63
- RMS-11 Macros 5-95
- RMS-11 Macros 6-115
- RMS-11 Macros 4-5 to 4-6
- RMS-11 Macros 5-52
- RMS-11 Macros 5-64
- RMS-11 Macros 6-134
- RMS-11 Macros 6-115
- RMS-11 Macros 4-5 to 4-6
- RMS-11 Macros 5-52
- RMS-11 Macros 5-64
- RMS-11 Macros 6-135
- RMS-11 Macros 6-115
- RMS-11 Macros 5-92, 5-96
- RMS-11 Macros 6-136
- RMS-11 Macros 5-124
- RMS-11 Macros 6-115
- RMS-11 Macros 4-7
- RMS-11 Macros 5-6
- RMS-11 Macros 5-61, 5-64, 5-68
- RMS-11 Macros 5-92
- RMS-11 Macros 6-137
- RMS-11 Macros 6-115
- RMS-11 Macros 5-92
- RMS-11 Macros 6-138
- RMS-11 Macros 6-115
- RMS-11 Macros 4-6
- RMS-11 Macros 5-54
- RMS-11 Macros 5-67
- RMS-11 Macros 6-115
- RMS-11 Macros 4-4
- RMS-11 Macros 5-49
- RMS-11 Macros 5-60
- RMS-11 Macros 5-91
- RMS-11 Macros 6-115
- RMS-11 Macros 4-4
- RMS-11 Macros 5-92, 5-96
- RMS-11 Macros 6-139
- RMS-11 Macros 6-115
- RMS-11 Macros C-3
- RMS-11 Macros 4-7, 4-13
- RMS-11 Macros 5-7
- RMS-11 Macros 5-61, 5-65, 5-68
- RMS-11 Macros 6-115
- RMS-11 Macros 5-92 to 5-93, 5-95
- RMS-11 Macros 5-99, 5-101
- RMS-11 Macros 6-128
- RMS-11 Macros 5-124
- RMS-11 Macros 5-127, 5-129
- Utilities 11-7
- RMS-11 Utilities 6-7, 6-9
- RMS-11 Utilities 7-8, 7-11
- Utilities 9-7
- I/O Drivers 5-4A
- System Generation 3-42
- Release Notes 1-5
- I/O Operations 6-9, 6-12
- Executive 5-118
- System Management 5-1
- System Management 5-3
- System Management 5-3

MASTER INDEX

RCT	
bad block (Cont.)	
replacement	System Management 5-3
replacement completion	System Management 5-4
revectoring	System Management 5-4
installing	System Management 5-2
logical block	System Management 5-2
recovery techniques for disks	System Management 5-1
relationship	
Error Logger	System Management 5-5
RSX-11M utilities	System Management 5-5
replacement block	System Management 5-2
primary	System Management 5-4
secondary	System Management 5-4
RCVD\$	Executive 5-120
RCVX\$	Executive 5-122
/RD switch	
RMSBCK utility	RMS-11 Utilities 6-8 to 6-9
RD51 disk	I/O Drivers 5-4A
SYSGEN question	System Generation 3-42
RD:	System Management 15-2
pseudo device	Command Language 5-6
RDAF\$	Executive 5-125
RDB	Executive 3-12 to 3-13
assigned setting	Executive 3-20
generating	Executive 3-13 to 3-14
generating in FORTRAN	Executive 3-15
macros	Executive 3-13 to 3-14
RDBBK\$	Executive 3-13
macro call	Executive 3-14
macro expansion	Executive 3-14
RDBDF\$	Executive 3-13
RDEF\$	Executive 5-126
.RDFDR	I/O Operations 4-2
.RDFFP	I/O Operations 4-5
.RDFUI	I/O Operations 4-4
\$RDPAG (Read page)	System Library 8-26
\$\$RDSG	
PSECT	Task Builder 5-52
reserved PSECT name	Task Builder E-3
RDT field in DAT block	
DISPLAY operation	RMS-11 Macros 5-32
offset	RMS-11 Macros 6-14
OPEN operation	RMS-11 Macros 5-81
RSTS/E	RMS-11 Macros D-4
summary	RMS-11 Macros 6-20
RDXF\$	Executive 5-127
/RE job switch	
QUE /MOD command	Batch and Queue 2-21
SUB command	Batch and Queue 3-16
/RE switch	
PIP utility	Utilities 3-33
VFY utility	Utilities 9-7
REA command	MCR Operations 3-146
VMR	System Management 10-32
Read	Introduction Gloss-27
from console terminal	System Management 3-3
nondestructive	
NFS volumes	System Management 4-62
Read access	MCR Operations 2-3
Read All Event Flags directive	Executive 5-125
REAd command	
EDI editor	Utilities 2-42
.READ directive	MCR Operations 4-47
example	MCR Operations 4-47
format	MCR Operations 4-47

MASTER INDEX

Read Event Flag
 Read Extended Event Flags
 directive
 Read logical record
 locate mode
 move mode
 random mode
 \$READ macro
 sequential access
 VBN access
 Read Only qualifier
 READ ONLY (DCL)
 RO (MCR)
 READ operation
 access modes
 \$READ macro
 sequential access
 VBN access
 Read virtual block
 READ\$
 FDB
 READ\$ macro call
 format
 parameters
 Read-ahead multiple buffering
 Read-only
 access declaration
 sharing declaration
 Read-only access
 Read-pass-all option

 Read/write
 access declaration
 sharing declaration
 Read/write access
 Readable-block context
 Ready recovery
 card reader
 paper tape
 Ready-to-run task

 Real-time system
 REASSIGN command
 command line format
 error message
 example
 VMR
 command line format
 example
 Receive By Reference directive
 Receive Data directive
 Receive Data Or Exit directive
 Receive Data Or Stop directive
 Receive error
 hard
 Reconfiguration
 service
 command interface
 driver
 initiating
 task
 system
 Record

 See also Record format
 access mode

Executive 5-126
 Executive 5-127

 I/O Operations 3-18
 I/O Operations 3-18
 I/O Operations 3-24

 RMS-11 Macros 5-98
 RMS-11 Macros 5-100

 EDT Editor 4-4
 EDT Editor 4-7
 RMS-11 Introduction 4-7
 RMS-11 Macros 4-14
 RMS-11 Introduction 4-7

 RMS-11 Macros 5-98
 RMS-11 Macros 5-100
 I/O Operations 3-30
 I/O Operations 3-30
 I/O Operations 3-34

 I/O Operations 3-31
 I/O Operations 3-31 to 3-33
 I/O Operations 1-7, 2-18

 RMS-11 User's Guide 2-6
 RMS-11 User's Guide 2-7
 PDP-11 MACRO-11 6-40
 MCR Operations 3-203
 System Management 10-58

 RMS-11 User's Guide 2-6
 RMS-11 User's Guide 2-7
 PDP-11 MACRO-11 6-40
 RMS-11 Macros 4-12

 I/O Drivers 11-4
 I/O Drivers 17-4
 Introduction Gloss-33
 Command Language 7-1
 Introduction 5-1, 5-6, Gloss-28
 MCR Operations 3-146
 MCR Operations 3-146
 MCR Operations 3-146
 MCR Operations 3-146
 System Management 10-32
 System Management 10-32
 System Management 10-32
 Executive 5-136
 Executive 5-120
 Executive 5-122
 Executive 5-118

 I/O Drivers 2-36

 System Management 15-1
 System Management 15-1
 System Management 15-2
 System Management 15-4
 System Management 15-2
 System Management 15-1
 RMS-11 Introduction 1-1
 RMS-11 User's Guide 1-1

 RMS-11 Introduction 3-11, 3-13

MASTER INDEX

Record	
access mode (Cont.)	
See also Access mode	
See also RAC field in RAB	
key	RMS-11 Introduction 3-12
RFA	RMS-11 Introduction 3-11
sequential	RMS-11 Introduction 3-11
blocked	
See FB\$BLK mask in RAT field	
buffer address	
See RBF field in RAB	
data	RMS-11 Introduction 3-7
	RMS-11 User's Guide 5-2
deleting	
See DELETE operation	
deleting, fast	
See RB\$FDL mask in ROP field	
fast deletion	
See RB\$FDL mask in ROP field	
format	
See RFM field in FAB	
index	RMS-11 Introduction 3-7
	RMS-11 User's Guide 5-2, 5-6
locating	
See FIND operation	
longest	
See LRL field in FAB	
processing	RMS-11 Introduction 4-1, 4-3
	RMS-11 User's Guide 1-15
	MCR Operations 4-47
reading	
See also GET operation	
replacing	
See UPDATE operation	
size	
See RSZ field in RAB	
update existing	
See RB\$UIF mask in ROP field	
writing	
See PUT operation	
Record access	RMS-11 User's Guide 1-12
See also Shared access	
Record access block	
See RAB field in RAB	
Record access byte	
initializing	I/O Operations 2-9
Record access mode	RMS-11 Macros 4-4
Record access section of FDB	I/O Operations 2-8
Record attribute	I/O Operations 2-6
Record attribute byte	I/O Operations 2-6
Record context	RMS-11 Macros 4-3
Record file address	
See RFA	
See also RFA field in RAB	
Record format	RMS-11 Introduction 3-1
	RMS-11 User's Guide 1-11, 1-18
and file organizations	RMS-11 User's Guide 1-20, 2-15
fixed-length	RMS-11 Introduction 3-2
	RMS-11 User's Guide 1-11, 2-15
indexed files	RMS-11 User's Guide 6-1
relative files	RMS-11 User's Guide 4-2
RMSCNV utility	RMS-11 Utilities 4-14
RMSDEF utility	RMS-11 Utilities A-8
sequential files	RMS-11 User's Guide 3-3
stream	RMS-11 Introduction 3-4
	RMS-11 User's Guide 1-11, 2-16
undefined	RMS-11 Introduction 3-4
	RMS-11 User's Guide 1-11, 2-17

MASTER INDEX

Record format (Cont.)
variable-length

and medium
VFC

Record I/O

contrast to block I/O
data flow during
multiple buffered
multiple buffering
random access mode
sequential access mode

Record I/O operations

Record length

longest

See LRL field in FAB

maximum

See MRL field in FAB

Record Management Services

See RMS-11

Record number

maximum

See MRN field in FAB

Record operation

See also Operation

Record operation macro

declaring

\$DELETE

\$FIND

\$GET

\$PUT

\$TRUNCATE

\$UPDATE

Record processing

Record reference vector

See RRV

Record size

indexed files

relative files

sequential files

UPDATE operation

Record stream

Record transfer mode

indexed files

locate mode

move mode

relative files

sequential files

Record type

R.FIX

R.SEQ

R.VAR

Record-oriented device

See also FB\$REC mask in DEV
field

Record-output characteristic

See RAT field in FAB

Record-output handling

RECORDS command

IOX

RMS-11 Introduction 3-2

RMS-11 User's Guide 1-11, 2-15

RMS-11 User's Guide 2-15

RMS-11 Introduction 3-2

RMS-11 User's Guide 1-11, 2-16

I/O Operations 1-5

I/O Operations 1-3

I/O Operations 3-10

I/O Operations 1-6

I/O Operations 1-5

I/O Operations 1-5

I/O Operations 3-24

RMS-11 Introduction 4-4

RMS-11 User's Guide 1-15

RMS-11 Macros 4-9

RMS-11 Macros C-3

RMS-11 Macros 5-25

RMS-11 Macros 5-49, 5-51, 5-54

RMS-11 Macros 5-60, 5-63, 5-67

RMS-11 Macros 5-91, 5-95

RMS-11 Macros 5-122

RMS-11 Macros 5-124

RMS-11 Macros 4-3

I/O Operations 2-6

RMS-11 User's Guide 1-18

RMS-11 User's Guide 6-1

RMS-11 User's Guide 4-2

RMS-11 User's Guide 3-2

RMS-11 User's Guide 2-16

RMS-11 Macros 4-3

RMS-11 Introduction 4-6

RMS-11 User's Guide 7-6

RMS-11 Introduction 4-6

RMS-11 Introduction 4-6

RMS-11 User's Guide 4-12

RMS-11 User's Guide 3-13

I/O Operations 2-5

I/O Operations 2-6

I/O Operations 2-6

Introduction 5-10 to 5-11,
Gloss-28

RMS-11 User's Guide 1-19

System Management 4-51

MASTER INDEX

RECOVER qualifier	EDT Editor 3-1
DCL	EDT Editor 4-4
example	EDT Editor 3-3 to 3-5
MCR	EDT Editor 4-6
restoring files with	EDT Editor 3-1
Recovery techniques	
RCT	
for disks	System Management 5-1
RED command	MCR Operations 3-147
VMR	System Management 10-33
Redefining key	
description of feature	EDT Editor 1-9
keypad editing	EDT Editor 5-54, 10-5
keypad function	EDT Editor 10-1
line editing	EDT Editor 7-4, 10-2
nokeypad editing	EDT Editor 8-10, 10-1
repeat count	EDT Editor 10-9
ways of	EDT Editor 10-1
Redirect algorithm	Writing I/O Driver 3-2
REDIRECT command	MCR Operations 3-147
command line format	MCR Operations 3-147
error message	MCR Operations 3-147
example	MCR Operations 3-147
VMR	System Management 10-33
command line format	System Management 10-33
example	System Management 10-33
Redirecting	
a spooled device	Executive 5-83
Redirection	Command Language 5-16 to 5-18
Reentry	
vector register	ODT 5-3
REF command	EDT Editor 8-16
REF field in KEY block	RMS-11 Macros 2-13
CLOSE operation	RMS-11 Macros 5-3
CREATE operation	RMS-11 Macros 5-9, 5-18
DISPLAY operation	RMS-11 Macros 5-30
ENTER operation	RMS-11 Macros 5-35
ERASE operation	RMS-11 Macros 5-40
EXTEND operation	RMS-11 Macros 5-46
offset	RMS-11 Macros 6-67
OPEN operation	RMS-11 Macros 5-73 to 5-74
PARSE operation	RMS-11 Macros 5-86
REMOVE operation	RMS-11 Macros 5-102
RENAME operation	RMS-11 Macros 5-108
SEARCH operation	RMS-11 Macros 5-116
summary	RMS-11 Macros 6-90
Reference	
search	ODT 2-8, 6-3
Refreshing the screen (CTRL/W)	EDT Editor 5-8
/REG keyword	
FIX command	MCR Operations 3-55
VMR	System Management 10-19
OPEN command	MCR Operations 3-140
REMOVE command	MCR Operations 3-149
VMR	System Management 10-34
UNFIX command	MCR Operations 3-230
VMR	System Management 10-74
REG symbolic argument	PDP-11 MACRO-11 6-20 to 6-21
Region	Executive 3-5
absolute	Task Builder 2-18
building precautions	Task Builder 5-9
mapping for	Task Builder 5-7
mapping of	Task Builder 5-8
specifying an	Task Builder 5-7
symbol definition file	Task Builder 5-7
allocation	Task Builder 5-9

MASTER INDEX

Region	
allocation (Cont.)	
diagram	Task Builder 5-20
of window block for	Task Builder 5-25
APR	
specifying	Task Builder 5-6
assigning references	Task Builder 5-23
attaching to	Executive 3-6
building	
a linking task	Task Builder 5-21 to 5-22
and linking to a	Task Builder 5-14, 5-17 to 5-18
interaction of /CO/LI/PI	
switch	Task Builder 5-3
options	
in an overlaid	Task Builder 5-10
options in an overlaid	Task Builder 5-11
use of /CO/LI/PI switch	Task Builder 5-3
with PAR option	Task Builder 5-2
common	Task Builder 2-19 to 2-20
displaying	MCR Operations 3-34
fixing	MCR Operations 3-55
	System Management 10-19
	MCR Operations 3-98
protecting	
read-only	MCR Operations 3-99
specifying	System Management 10-24
status bit	
list	MCR Operations 3-34
task	
sharing	MCR Operations 3-100
	System Management 10-25
unfixing	MCR Operations 3-230
	System Management 10-74
definition block	Executive 3-7, 3-12 to 3-13
descriptor	Task Builder B-21
descriptor in overlay	Task Builder 3-20
dynamic	Executive 3-6, 5-42
	Task Builder 2-20, 5-40 to 5-43
building a task that creates	
a	Task Builder 5-40 to 5-43
fixing	System Management 10-18
restrictions	System Management 10-18
ID	Executive 3-6
installing in RSX-11M-PLUS	Task Builder 5-2 to 5-3, 5-20
library	Task Builder 2-20
linked to a region	Task Builder 5-26
linked with a region	Task Builder 5-25
linking to a	Task Builder 5-13 to 5-14, 5-26
loading	
restrictions	System Management 10-18
map	Task Builder 5-19
mapping of an absolute	Task Builder 5-7
mapping windows	Executive 3-8
memory-resident overlaid	Task Builder 5-9
building	Task Builder 5-9
example of building	Task Builder 5-10
number of	Task Builder 5-17
options for building	Task Builder 5-17 to 5-18
options for linking to	Task Builder 5-14
overlaid	Task Builder 5-9
autoload call overhead	Task Builder 5-13
autoload in	Task Builder 5-13
autoload vector	Task Builder 5-11
FTB and old libraries	Task Builder 5-13
global symbols in .STB file	Task Builder 5-11
I- and D-space task vectors	Task Builder 5-11

MASTER INDEX

Region	
overlaid (Cont.)	
named program section	Task Builder 5-13
run-time support for	Task Builder 5-12 to 5-13
.STB file	Task Builder 5-11
partition	Task Builder 5-28
requirements	Task Builder 5-2
procedure for building a	Task Builder 5-17 to 5-18
program section in	Task Builder 5-7
protection	Executive 3-9
PSECT	
building a linking task	Task Builder 5-23
relative address	
accessing	MCR Operations 3-140
relocatable	Task Builder 5-5
mapping	Task Builder 5-5
specifying	Task Builder 5-5
specifying APR for	Task Builder 5-6
.STB file for a	Task Builder 5-9, 5-14, 5-16
removing	MCR Operations 3-149
	System Management 10-34
resident relocatable	Task Builder 5-5
resolving PSECT names	Task Builder 5-39 to 5-40
shareable	Executive 3-6
shared	Executive 3-6
	Task Builder 2-20, 5-1
allocation of window block	
for	Task Builder 5-14
autoload vectors in	Task Builder 5-12
defined	Task Builder 5-1
initializing window block for	Task Builder 5-14
installing	Task Builder 5-16
partition requirement	Task Builder 5-3
resolving PSECT names	Task Builder 5-16
restrictions for overlaid	Task Builder 5-12
symbol definition file	Task Builder 5-16
use of /CO/LI/PI switches	Task Builder 5-9
windows in	Task Builder 5-14
size of	Task Builder 5-17
specifying	
as position independent	Task Builder 10-9, 10-31
partition for	Task Builder 5-28
static common	Executive 3-5
.STB file	Task Builder 5-4 to 5-5, 5-14,
	5-16
for an absolute	Task Builder 5-7, 5-9, 5-12
using /CO/LI/PI switches	Task Builder 5-4
symbol definition file	Task Builder 5-9
task	Executive 3-5
	Task Builder 2-18 to 2-20
task building options	Task Builder 5-13 to 5-14
type of access to	Task Builder 5-14
use of /CO/LI/PI switches	Task Builder 5-5
window	Task Builder 5-15, 5-25
with linked task	
in I- and D-space system	Task Builder 7-3
Region Definition Block	Executive 5-16 to 5-17, 5-42 to
	5-43, 5-56 to 5-57
See also RDB	
Region ID	
determining	Executive 5-16
Region status word	Executive 5-42, 5-56
Register	ODT 2-6, 5-1
A	ODT 2-6, 5-3, 6-2
address mode	PDP-11 MACRO-11 5-2
argument	ODT 6-2
B	ODT 2-6, 5-4

MASTER INDEX

Register (Cont.)	Program Development 5-6
breakpoint	ODT 2-6, 3-1 to 3-2, 5-4
address	ODT 5-4
instruction	ODT 3-3, 5-4
proceed count	ODT 2-6, 5-3
C	Crash Dump Analyzer 3-2
cache control	ODT 2-6
constant	
conventions	Writing I/O Driver 7-1
at system state	Crash Dump Analyzer 3-2
CPU error	ODT 2-7, 5-4, 6-2
D	PDP-11 MACRO-11 5-3
deferred address mode	
definition	PDP-11 MACRO-11 6-20 to 6-21
control	PDP-11 MACRO-11 3-10
default	ODT 2-7, 5-4, 6-2
device LUN	ODT 2-6, 5-3
directive status word	ODT 2-7, 5-4
E	PDP-11 MACRO-11 5-2
expression	ODT 2-6, 5-3
F	ODT 2-6
format	ODT 2-7, 5-4
G	ODT 5-2
general	ODT 2-6, 5-3, 6-1
H	ODT 2-6, 6-1
high memory limit	ODT 2-7, 5-4
I	ODT 2-8
indicator	ODT 2-7
instruction	ODT 5-2
internal	ODT 2-6, 5-3, 6-1
L	ODT 2-6, 6-1
low memory limit	ODT 2-6, 5-3, 6-2
M	ODT 5-3
memory limit	Crash Dump Analyzer 3-2
memory management	ODT 6-1
memory operation	Crash Dump Analyzer 3-2
memory system error	Crash Dump Analyzer 3-2
page address	Crash Dump Analyzer 3-2
page descriptor	PDP-11 MACRO-11 5-2
percent sign in expression	ODT 2-7
proceed count	ODT 2-6, 5-3
processor status	ODT 2-6, 4-1, 5-3, 7-2
Q	ODT 2-6, 5-3
quantity	ODT 2-7, 5-5 to 5-6
R	ODT 2-6, 5-3, 5-7
reentry vector	ODT 2-7, 5-5 to 5-6
relocation	Program Development 5-2 to 5-4
S	ODT 2-6, 5-3
search argument	ODT 2-6, 6-2
search limit	ODT 5-3
search mask	ODT 2-6, 6-2
SST stack content	ODT 2-7, 5-4
SST vector	ODT 2-7, 5-5
switch	
bit	
clearing	MCR Operations 3-221
displaying	MCR Operations 3-221
setting	MCR Operations 3-221
symbol	PDP-11 MACRO-11 3-10
term indicator	PDP-11 MACRO-11 3-2
UNIBUS mapping	Crash Dump Analyzer 3-2
V	ODT 2-7, 5-5
W	ODT 2-6, 5-3
X	ODT 2-6, 5-3, 5-7
Register handling	
control swapping	System Library 2-2

MASTER INDEX

Register handling (Cont.)
 save all registers (\$SAVAL)
 save registers 0-2 (\$SAVVR)
 save registers 1-5 (.SAVR1)
 save registers 3-5 (\$SAVRG)
 Register indicator
 C register
 current location (.)
 Q register
 Register report
 Register set
 REGISTER DEFINITIONS argument
 Reinserting deleted text
 keypad editing

 line editing (MOVE)
 nokeypad editing

 REL argument to ORG\$ macro
 REL symbolic argument
 Relative
 address
 branch location
 Relative address mode
 assemble as absolute
 Relative deferred address mode
 Relative file organization

 See also FB\$REL code
 access declarations
 allocation
 DEQ
 initial
 and remote access
 asynchronous operations
 buckets
 cell

 CONNECT operation
 contiguity
 declaring with ORG\$ macro
 deferred write
 DELETE operation
 design
 allocation
 bucket size
 MRN
 record format
 directory operations
 DISCONNECT operation
 file operations
 FIND operation
 FLUSH operation
 GET operation

 I/O techniques
 MRN
 multiple access streams
 multiple buffers
 prologue
 PUT operation
 random access
 by key
 by RFA
 record operations
 record size
 record transfer modes

 System Library 2-2
 System Library 2-4
 System Library 2-5
 System Library 2-3
 ODT 2-3, 7-3
 ODT 2-3
 ODT 2-3, 2-5
 ODT 2-3
 Error Logging 3-18
 ODT 5-4
 PDP-11 MACRO-11 8-10

 EDT Editor 2-12, 2-17, 5-25 to 5-36
 EDT Editor 7-11
 EDT Editor 2-41, 8-15, 8-24 to 8-25
 RMS-11 Macros 2-3
 PDP-11 MACRO-11 6-42

 ODT 2-2
 ODT 2-6, 4-5
 PDP-11 MACRO-11 5-8
 PDP-11 MACRO-11 6-19
 PDP-11 MACRO-11 5-9
 RMS-11 Introduction 3-5
 RMS-11 User's Guide 1-4, 1-11

 RMS-11 User's Guide 4-6

 RMS-11 User's Guide 4-4
 RMS-11 User's Guide 4-3
 RMS-11 User's Guide B-3
 RMS-11 User's Guide 4-14
 RMS-11 User's Guide 4-1
 RMS-11 Introduction 3-5
 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 4-7
 RMS-11 User's Guide 4-4
 RMS-11 Macros 2-3
 RMS-11 User's Guide 4-14
 RMS-11 User's Guide 4-7
 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 4-3
 RMS-11 User's Guide 4-2
 RMS-11 User's Guide 4-5
 RMS-11 User's Guide 4-2
 RMS-11 User's Guide 4-15
 RMS-11 User's Guide 4-8
 RMS-11 User's Guide 4-15
 RMS-11 User's Guide 4-8
 RMS-11 User's Guide 4-10
 RMS-11 User's Guide 4-10, 4-12 to 4-13
 RMS-11 User's Guide 4-14
 RMS-11 User's Guide 4-4
 RMS-11 User's Guide 4-15
 RMS-11 User's Guide 4-15
 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 4-11 to 4-12

 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 4-7
 RMS-11 User's Guide 4-2
 RMS-11 User's Guide 4-12

MASTER INDEX

Relative file organization	
record transfer modes (Cont.)	
move mode	RMS-11 User's Guide 4-12
REWIND operation	RMS-11 User's Guide 4-12
RRN	RMS-11 Introduction 3-6
sequential access	RMS-11 User's Guide 4-1
shared access	RMS-11 User's Guide 4-6
block access	RMS-11 User's Guide 4-6
record access	RMS-11 User's Guide 4-6
sharing declarations	RMS-11 User's Guide 4-6
stream operations	RMS-11 User's Guide 4-7
structure	RMS-11 User's Guide 4-1
conceptual	RMS-11 User's Guide 4-1
physical	RMS-11 User's Guide 4-1
UPDATE operation	RMS-11 User's Guide 4-12 to 4-13
Relative record number	
See BKT field in RAB	
See also RRN	
RELEASE command	
format	
entry number	Batch and Queue 2-23
job name	Batch and Queue 2-23
RELEASE/ENTRY command	Command Language 9-29
RELEASE/JOB command	Command Language 9-29
\$RELOC routine	Writing I/O Driver 7-34
Relocatable	
address	
calculating	ODT 2-2, 5-6
Relocatable expression	Introduction 4-6, 4-9, Gloss-28
Relocatable program section	ODT 2-9, 7-1
Relocatable region	PDP-11 MACRO-11 3-17
See Region	PDP-11 MACRO-11 6-44 to 6-45
Relocation	
bias	PDP-11 MACRO-11 2-2, 3-17 to 3-18, 4-1
code	Task Builder 2-4
complex	PDP-11 MACRO-11 4-1
entry	Task Builder A-22
operation codes	Task Builder A-23
directory command byte	Task Builder A-22
directory record	Task Builder A-13
entries	Task Builder A-12
format	Task Builder A-12 to A-13
displaced	Task Builder A-14
global	Task Builder A-16
global	Task Builder A-15
additive	Task Builder A-16
global additive displaced	Task Builder A-17
internal	Task Builder A-14
displaced	Task Builder A-15
library	Task Builder A-23
resident	PDP-11 MACRO-11 4-1
overview of	Task Builder A-19
program section	Task Builder A-20
additive	Task Builder A-21
additive displaced	Task Builder A-19
displaced	ODT 2-2, 2-7, 5-5 to 5-6
register	ODT 2-10, 5-6
clear	ODT 2-10, 5-6
set	Task Builder A-23
resident library	Program Development 5-2 to 5-4
Relocation register	Writing I/O Driver 7-35
\$RELOP routine	MCR Operations 3-149
REM command	System Management 10-34
VMR	

MASTER INDEX

.REM directive
 /REMOTE keyword
 SET command
 VMR
 Remote line
 answer speed
 disconnecting
 Remote operation
 P/OS
 .REMOV
 Removable and fixed, single
 spindle disk
 Remove Affinity directive
 REMOVE command

 command line format
 error message
 example
 keyword
 /REG
 VMR
 command line format
 example
 keyword
 /REG

\$REMOVE macro
 RSTS/E
 REMOVE operation

 BDB requirement
 I/O buffer requirement
 IFAB requirement
 remote access
 \$REMOVE macro
 wildcard loop

 nonselective
 selective

.RENAM
 RENAME command

\$RENAME macro
 example
 RENAME operation

 BDB requirement
 file versions
 I/O buffer requirement
 IFAB requirement
 remote access
 \$RENAME macro
 wildcard loop

 nonselective
 selective

RENEW command
 EDI editor

Renumbering line
 See RESEQUENCE command
 Reopen last location

PDP-11 MACRO-11 6-18

MCR Operations 3-200
 System Management 10-57
 I/O Drivers 2-41 to 2-42
 I/O Drivers 2-42
 I/O Drivers 2-23

RMS-11 Macros D-3
 I/O Operations 4-16

I/O Drivers 5-4A
 Executive 5-128
 Command Language 7-34 to 7-35,
 9-29

MCR Operations 3-149
 MCR Operations 3-149
 MCR Operations 3-149
 MCR Operations 3-149

MCR Operations 3-149
 System Management 10-34
 System Management 10-34
 System Management 10-34

System Management 10-34
 RMS-11 Macros 5-102
 RMS-11 Macros D-4
 RMS-11 Introduction 4-1
 RMS-11 User's Guide 1-17
 RMS-11 Macros 3-6
 RMS-11 Macros 2-8
 RMS-11 Macros 2-7
 RMS-11 Macros 2-5
 RMS-11 User's Guide B-1
 RMS-11 Macros 5-102
 RMS-11 User's Guide A-4
 RMS-11 Macros 3-9 to 3-10
 RMS-11 Macros 3-10
 RMS-11 Macros 3-11
 I/O Operations 4-20
 Introduction 3-8
 Command Language 4-41 to 4-43,
 9-30

RMS-11 Macros 5-108
 RMS-11 Macros 7-15
 RMS-11 Introduction 4-1
 RMS-11 User's Guide 1-17
 RMS-11 Macros 3-6
 RMS-11 Macros 2-8
 RMS-11 User's Guide A-3
 RMS-11 Macros 2-7
 RMS-11 Macros 2-5
 RMS-11 User's Guide B-1
 RMS-11 Macros 5-108
 RMS-11 User's Guide A-4
 RMS-11 Macros 3-9 to 3-10
 RMS-11 Macros 3-10
 RMS-11 Macros 3-11

Program Development 2-15
 Utilities 2-19, 2-43

ODT 4-3

MASTER INDEX

Repeat block	PDP-11 MACRO-11 7-3, 7-16 to 7-19
indefinite	
Repeat count	
redefine key	EDT Editor 10-9
REPEAT key	Command Language 3-14
Repeating code block	PDP-11 MACRO-11 7-19
REPLACE command	EDT Editor 2-27, 7-14
REPLACE function	EDT Editor 5-40
Replacement block	
RCT	
primary	System Management 5-2
secondary	System Management 5-4
Report	System Management 5-4
interval	
output frequency	System Management 4-60
Report control function	Error Logging 5-22
Report Generator	
See RPT	
Report switch	Error Logging 3-6, 3-27
REPORTERRORS YES/NO command	
IOX	System Management 4-52
.REPT directive	PDP-11 MACRO-11 7-19
\$REQUL routine	Writing I/O Driver 7-36
\$REQUE routine	Writing I/O Driver 7-36
Request and Pass Offspring	
Information directive	Executive 5-129
REQUEST command	Command Language 3-32, 9-30
Request for next tape	
terminating	I/O Operations G-11
Request Task directive	Executive 5-133
RES command	MCR Operations 3-150
/RES switch	
PRI command	Batch and Queue 2-5
RESCOM	
linking to region	Task Builder 5-14
option	Task Builder 11-28 to 11-29
RESEQUENCE command	EDT Editor 2-31, 2-36, 6-3, 7-15
EDT editor	Introduction 2-9 to 2-11
Reserved symbol	PDP-11 MACRO-11 2-3, 3-1, 3-7
See also Permanent Symbol Table	
for the Task Builder	Task Builder E-1
\$RESET	
predefined syntax element in	
MML	System Management 12-44
RESET function	EDT Editor 5-8, 5-34
Reset switch	Error Logging 2-4, 2-7
Resident	
common	
name block data	Task Builder B-8
library	
name block data	Task Builder B-8
relocation	Task Builder A-23
memory	
for TKB performance	Task Builder F-3
overlay operator	
enabling recognition of	Task Builder 10-34
region	
using to reduce overhead	Task Builder F-4
Resident common	Command Language 7-61, 9-37
Resident data base	
See Data base	
Resident driver	
See Driver	
Resident in memory	Introduction 5-7, 5-9, Gloss-2
Resident library	RMS-11 User's Guide 8-1, 8-8
installing	MCR Operations 3-95
RMSRES	RMS-11 User's Guide 8-6, 8-9

MASTER INDEX

Resident region
 map file
 including symbol definition
 in
 RESLIB
 linking to region
 option
 in supervisor-mode library
 Resource Accounting

 See also Transaction file
 commands
 SET ACCOUNTING
 SHOW ACCOUNTING/- DATATRIEVE
 SHOW ACCOUNTING/- INFORMATION
 SHOW ACCOUNTING/-
 TRANSACTION FILE
 START/ACCOUNTING
 STOP/ACCOUNTING
 crash reason
 device statistics example
 interface for creating
 transactions
 \$QTRAN
 \$QTRAN1
 \$QTRAN2
 messages
 privileged task interface
 scan rate
 secondary pool
 statistics scan
 stopping
 using SHUTUP
 SYSGEN question
 system resources
 system statistics
 task accounting
 using DATATRIEVE-11 for an
 accounting report
 Resource Monitoring Display
 See RMD utility
 Response ring
 SYSGEN question
 RESSUP
 option
 use in CSM library

 use in supervisor-mode
 library
 REST
 range specification
 RESTART command
 IOX
 /RESTART job qualifier
 SET QUEUE command
 /RESTART qualifier
 PRINT command
 SUBMIT command
 Restarting TKB option
 .RESTORE directive

 Restoring files
 /RESTRICT subkeyword
 CLI command

 Task Builder 10-26

 Task Builder 5-14
 Task Builder 11-28 to 11-29
 Task Builder 8-20 to 8-21
 Introduction 1-19
 Command Language 3-2, 3-9 to 3-11,
 9-36
 System Management 17-1

 System Management 17-4
 System Management 17-4, 17-10
 System Management 17-4, 17-18
 System Management 17-4, 17-12

 System Management 17-4, 17-13
 System Management 17-4 to 17-5
 System Management 17-4, 17-11
 System Management 17-6
 System Management 17-8

 System Management 17-18
 System Management 17-19
 System Management 17-20
 System Management 17-42
 System Management 17-22
 System Management 17-6
 System Management 17-5
 System Management 17-6

 System Management 8-6
 System Generation 3-25
 System Management 17-41
 System Management 17-5
 System Management 17-7

 System Management 17-17

 System Generation 3-43

 Task Builder 8-9, 11-31 to 11-32
 Task Builder 8-3, 8-8, 8-19 to
 8-21

 Task Builder 8-7

 EDT Editor 6-10

 System Management 4-53

 Batch and Queue 2-21

 Batch and Queue 2-5
 Batch and Queue 3-16
 Task Builder 11-4
 PDP-11 MACRO-11 3-11, 6-47 to
 6-48
 RMS-11 User's Guide 1-10, 1-12

 MCR Operations 3-40

MASTER INDEX

Resultant string
 See RSA field in NAM block

RESUME command
 command line format
 error message
 example
 keyword
 /TERM

Resume Task directive

Resuming
 program execution
 task execution

RETRIES command
 IOX

Retrieval pointer
 in memory
 on disk

Retrieval pointer count
 See RTV field in FAB

Retrieval pointer format

Retrieval pointers
 allocating

/RETRY switch
 BAD utility

Return
 operation, from

RETURN command
 EDI editor

.RETURN directive
 format

Return from completion handler

RETURN key

closing location
 ODT

displaying new line
 EDI editor

entering text
 EDI editor

exiting
 PMT

terminating input
 EDI editor

Return key command

\$RETURN macro

RETURN statement

RETYPE command
 EDI editor

Revector control table
 RCT
 status codes

Reverse CUT

Reverse search
 keypad editing
 nokeypad editing

Reverse SELECT

Reverse video

/REVISED qualifier
 BRU utility

Revising files with buffer

Revision date
 See RDT field in DAT block

MCR Operations 3-150
 MCR Operations 3-150
 MCR Operations 3-150
 MCR Operations 3-150

MCR Operations 3-150
 Executive 5-139

ODT 3-2
 ODT 1-5, 3-2

System Management 4-54
 RMS-11 User's Guide 8-11
 RMS-11 User's Guide 8-11
 RMS-11 User's Guide 8-11

I/O Operations F-5

I/O Operations 2-15

Utilities 6-6

RMS-11 Macros 2-14

Utilities 2-19, 2-43
 MCR Operations 4-48
 MCR Operations 4-48
 RMS-11 Macros 2-18
 Introduction 1-3 to 1-4, 1-6 to
 1-7, 1-10, 2-2, 2-5, 2-8,
 2-16, Gloss-16 to Gloss-17
 Command Language 3-2, 3-12, 3-17,
 3-22
 MCR Operations 2-15

Program Development 5-5, 5-8

Program Development 2-13

Program Development 2-9

System Management 13-8

Program Development 2-9 to 2-10,
 2-18, 7-7
 ODT 2-5, 4-2
 RMS-11 Macros 2-18
 Error Logging 4-31, 5-33

Utilities 2-19, 2-43

System Management 5-2
 EDT Editor 5-37

EDT Editor 5-21
 EDT Editor 2-42
 EDT Editor 5-52
 EDT Editor 2-12, 5-33

Utilities 7-21
 EDT Editor 2-1

MASTER INDEX

Revision date (Cont.)
 RMSBCK utility
 Revision number
 See RVN field in DAT block
 \$REWIND macro
 RSTS/E magtape device
 REWIND operation
 indexed files
 record stream
 relative files
 \$REWIND macro
 sequential files
 /REWIND qualifier
 BRU utility
 REWIND MAGTAPE
 RMSDES utility
 Rewinding
 file on ANSI magtape
 file open on terminal
 RF11/RS11
 RFA
 relative files
 sequential files
 RFA field in RAB
 CONNECT operation
 FIND operation
 GET operation
 offset
 PUT operation
 READ operation
 summary
 WRITE operation
 RFA record access
 See also RB\$RFA code in RAC
 field
 to relative files
 to sequential files
 RFM field in FAB
 CREATE operation
 offset
 OPEN operation
 summary
 \$\$RGDS
 reserved PSECT name
 RH controller
 SYSGEN question
 RHB field in RAB
 GET operation
 offset
 PUT operation
 summary
 UPDATE operation
 RIGHT function
 Right-angle bracket
 RK05 disk
 SYSGEN question
 RK05F disk
 SYSGEN question
 RK06 disk
 RK06/07 disk
 SYSGEN question
 RK07 disk
 RK07 disk kit
 contents
 copying

RMS-11 Utilities 6-8

 RMS-11 Macros 5-114
 RMS-11 Macros D-4
 RMS-11 Introduction 4-4
 RMS-11 User's Guide 1-15
 RMS-11 User's Guide 7-6
 RMS-11 Macros 4-9
 RMS-11 User's Guide 4-12
 RMS-11 Macros 5-114
 RMS-11 User's Guide 3-11

 Utilities 7-21

 RMS-11 Utilities 2-34

 I/O Operations 4-18
 I/O Operations 4-18
 I/O Drivers 5-1
 RMS-11 Introduction 3-11, 3-15
 RMS-11 User's Guide 1-12
 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 3-2
 RMS-11 Macros 4-6
 RMS-11 Macros 5-7
 RMS-11 Macros 5-50, 5-52, 5-54
 RMS-11 Macros 5-61, 5-65, 5-67
 RMS-11 Macros 6-115
 RMS-11 Macros 5-93, 5-96
 RMS-11 Macros 5-99, 5-101
 RMS-11 Macros 6-129
 RMS-11 Macros 5-128, 5-130

 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 3-2

 RMS-11 Macros 5-11
 RMS-11 Macros 6-23
 RMS-11 Macros 5-78
 RMS-11 Macros 6-61

 Task Builder E-3

 System Generation 3-31
 RMS-11 Macros 4-7
 RMS-11 Macros 5-61, 5-64, 5-68
 RMS-11 Macros 6-115
 RMS-11 Macros 5-92, 5-96
 RMS-11 Macros 6-130
 RMS-11 Macros 5-124
 EDT Editor 2-11, 5-14
 Command Language 3-15
 I/O Drivers 5-3
 System Generation 3-37

 System Generation 3-37
 I/O Drivers 5-3

 System Generation 3-38
 I/O Drivers 5-3

 System Generation 2-5

MASTER INDEX

RK07 disk kit	
copying (Cont.)	
on line	System Generation 2-17
stand alone	System Generation 2-11
RK11 controller	
SYSGEN question	System Generation 3-37
RK611/711 controller	
SYSGEN question	System Generation 3-38
RL01/RL02 disk	
SYSGEN question	System Generation 3-40
RL02 disk	I/O Drivers 5-3
RL02 exercise	
IOX	System Management 4-9
RL11/RLV11 controller	
SYSGEN question	System Generation 3-40
\$RLCB (Release core block)	System Library 7-4
\$RLCB system routine	RMS-11 Macros 2-20
RLSCT FORTRAN subroutine	Task Builder 5-56, 5-58
/RM switch	
PIP utility	Utilities 3-35
RM02 disk	I/O Drivers 5-3
RM02/03 module	Error Logging 4-37 to 4-49
RM02/03 notes module	Error Logging 4-67 to 4-68
RM02/03/05/80 disk	
SYSGEN question	System Generation 3-33
RM03 disk	I/O Drivers 5-3
RM05 disk	I/O Drivers 5-3
RM80 disk	I/O Drivers 5-3
RMAF\$	Executive 5-128
RMD utility	Command Language 7-53, 7-55 to 7-57, 8-9 to 8-13, 9-38
	Introduction 5-9, Gloss-28
altering	
active task display from MCR	System Management 6-9
display from setup page	System Management 6-7
I/O counts	
from setup page	System Management 6-12
memory display	System Management 6-8
from MCR	System Management 6-8
system statistics	
from MCR	System Management 6-12B
from setup page	System Management 6-12B
task display	
from setup page	System Management 6-9, 6-11
command line	
to install	System Management 6-2
to invoke	System Management 6-2
DEVICE command	System Management 6-12
display page	System Management 6-1
displaying	
active task	System Management 6-8
commands to alter task	System Management 6-11
commmands to alter I/O counts	System Management 6-12
help	System Management 6-3
I/O counts	System Management 6-12
memory	System Management 6-4
RSX-11M-PLUS only	System Management 6-11
system statistics	System Management 6-12A
task header	System Management 6-10
error message	System Management 6-13D
FREE command	System Management 6-8
I/O counts display	
altering from MCR	System Management 6-12A
installing	System Management 6-2
individual terminal	System Management 6-2
introduction to	System Management 6-1

MASTER INDEX

RMD (Cont.)	
invoking	System Management 6-2
at terminal	System Management 6-2
OWNER command	System Management 6-9
RATE command	System Management 6-8 to 6-9, 6-11 to 6-12A
running	
on slaved terminal	System Management 6-2
setup page	System Management 6-1, 6-7
TASK command	System Management 6-9, 6-11
task header display	
altering from MCR	System Management 6-11
task-build command file	
modifying	System Management 6-12C
using	
individual terminal	System Management 6-2
RMDEMO	
See RMD utility	
RMS-11	
installing libraries and utilities	Introduction 5-12, Gloss-29 Command Language 4-22, 4-43 to 4-49, B-1
library	System Generation 4-4
on pregenerated kit	Program Development 1-9, 1-11
RMS-11 defaults	System Generation 5-29
RMS-11 demonstration programs	RMS-11 User's Guide 2-2
RMS-11 File Back-Up Utility	Release Notes 2-17
See RMSBCK	
RMS-11 File Conversion Utility	
See RMSCNV	
RMS-11 File Definition Utility	
See RMSDEF	
RMS-11 File Design Utility	
See RMSDES	
RMS-11 File Display Utility	
See RMSDSP	
RMS-11 File Restoration Utility	
See RMSRST	
RMS-11 files	
list	Release Notes 2-18
placement on kit	Release Notes 2-18
RMS-11 Indexed File Load Utility	
See RMSIFL	
RMS-11 installation	
startup procedure	Release Notes 2-21
utility configuration	Release Notes 2-22
RMS-11 problems	
V1.8, fixed	Release Notes 2-17
V2.0	Release Notes 2-18
RMS-11 resident library	
See RMSRES	
RMS-11 Utilities	
new feature	
File Design Utility (RMSDES)	Release Notes 2-8
RMSCNV	Release Notes 2-9
RMSDSP	Release Notes 2-8
RMSIFL	Release Notes 2-9
technical changes	Release Notes 2-13

MASTER INDEX

RMSBCK

- back-up file contents
- back-up medium
- /CD switch
- command string
- container file
- data integrity checking
- examples
- global switches
- HELP
- /ID switch
- indirect command file
- input file switches
- intersystem file transfer
- invoking
- magnetic tape
 - multivolume
- messages
- /[NO]QU switch
- output file switches
- processing
 - data integrity checking
 - explicit/implicit file-spec
 - extended diagnostic messages
 - summary listing
- prompt
- query mode
- /RA switch
- /RC switch
- /RD switch
- /RW switch
- /SL switch
- /SU switch
- summary listing
- terminating

RMSCNV

See also RMS-11 Utilities
/AP switch

- ASCII stream files
- /BL switch
- block mode
- /CA switch
- command string
- CTRL/Z
 - file terminator
- /EO switch
- examples
- /FO switch
- HELP
- /ID switch
- /IM switch
- indirect command file
- intersystem file transfer
- invoking
- key name
- key of reference
- /KN switch
- /KR switch

- RMS-11 Introduction 5-3
- RMS-11 User's Guide 1-12
- RMS-11 Utilities 1-1, 3-3, 4-5, 5-1, 6-1, 7-1, 7-5, 7-9 to 7-10
- RMS-11 Utilities 6-1
- RMS-11 Utilities 6-3
- RMS-11 Utilities 6-8 to 6-9
- RMS-11 Utilities 6-2 to 6-3
- RMS-11 Utilities 6-1
- RMS-11 Utilities 6-6 to 6-7, 6-9
- RMS-11 Utilities 6-10
- RMS-11 Utilities 6-5
- RMS-11 Utilities 6-4
- RMS-11 Utilities 6-4 to 6-5
- RMS-11 Utilities 6-2
- RMS-11 Utilities 6-8
- RMS-11 Utilities 1-2
- RMS-11 Utilities 6-2
- RMS-11 Utilities 6-7
- RMS-11 Utilities 6-9
- RMS-11 Utilities C-1
- RMS-11 Utilities 6-5 to 6-7, 6-10
- RMS-11 Utilities 6-6
- RMS-11 Utilities 6-8
- RMS-11 Utilities 6-9
- RMS-11 Utilities 6-9
- RMS-11 Utilities 6-10
- RMS-11 Utilities 6-10
- RMS-11 Utilities 6-2
- RMS-11 Utilities 6-5 to 6-7, 6-10
- RMS-11 Utilities 6-6 to 6-7, 6-9
- RMS-11 Utilities 6-7, 6-9
- RMS-11 Utilities 6-8 to 6-9
- RMS-11 Utilities 6-7
- RMS-11 Utilities 6-6, 6-10
- RMS-11 Utilities 6-7
- RMS-11 Utilities 6-10
- RMS-11 Utilities 6-2
- Command Language 4-43 to 4-49, B-1
- RMS-11 Introduction 5-2
- RMS-11 User's Guide 1-12
- RMS-11 Utilities 1-1, 3-1, 4-1
- RMS-11 Utilities 4-5, 4-7, 4-13, 4-15
- RMS-11 Utilities 4-3, 4-8
- RMS-11 Utilities 4-8
- RMS-11 Utilities 4-1
- RMS-11 Utilities 4-8
- RMS-11 Utilities 4-3 to 4-4
- RMS-11 Utilities 4-8
- RMS-11 Utilities 4-8
- RMS-11 Utilities 4-16
- RMS-11 Utilities 4-9, 4-15
- RMS-11 Utilities 4-5
- RMS-11 Utilities 4-5, 4-9
- RMS-11 Utilities 4-9
- RMS-11 Utilities 4-4
- RMS-11 Utilities 1-2, 4-1
- RMS-11 Utilities 4-3
- RMS-11 Utilities 4-10
- RMS-11 Utilities 4-10
- RMS-11 Utilities 4-10, 4-16
- RMS-11 Utilities 4-10, 4-16

MASTER INDEX

RMSCNV (Cont.)	
/LO switch	RMS-11 Utilities 4-10
/MA switch	RMS-11 Utilities 4-10
mass-insertion mode	RMS-11 Utilities 4-10
messages	RMS-11 Utilities C-1
/ML switch	RMS-11 Utilities 4-11
network facilities	RMS-11 Utilities 4-1
/PD switch	RMS-11 Utilities 4-12
populating files	RMS-11 User's Guide 6-26 to 6-27
processing	RMS-11 Utilities 4-14
input file organization	RMS-11 Utilities 4-16
output file organization	RMS-11 Utilities 4-15
prompt	RMS-11 Utilities 4-3
/SL switch	RMS-11 Utilities 4-12
/SU switch	RMS-11 Utilities 4-5, 4-7, 4-13, 4-15
summary listing	RMS-11 Utilities 4-12
supersession	RMS-11 Utilities 4-13
terminating	RMS-11 Utilities 4-4
/TR switch	RMS-11 Utilities 4-13
/WF switch	RMS-11 Utilities 4-14
RMSDEF	RMS-11 Utilities 1-1, A-1
alignment	RMS-11 Utilities A-14
allocation	
data	RMS-11 Utilities A-16
file	RMS-11 Utilities A-14
alternate key, definition	RMS-11 Utilities A-11
area definition	RMS-11 Utilities A-13
area numbers	RMS-11 Utilities A-16
block boundaries	RMS-11 Utilities A-9
bucket size	RMS-11 Utilities A-15
carriage control	RMS-11 Utilities A-9
command string	RMS-11 Utilities A-5
contiguity	RMS-11 Utilities A-15
default extension quantity	RMS-11 Utilities A-15
file creation	RMS-11 Utilities A-19
file organization	RMS-11 Utilities A-8
file specification	RMS-11 Utilities A-7
fill numbers	RMS-11 Utilities A-16
fixed control area	RMS-11 Utilities A-8
HELP	RMS-11 Utilities A-5
/ID switch	RMS-11 Utilities A-5
indirect command file	RMS-11 Utilities A-1 to A-2, A-5 to A-6, A-19
invoking	RMS-11 Utilities A-5
location	RMS-11 Utilities A-14
magnetic tape	RMS-11 Utilities A-8, A-10
maximum record number	RMS-11 Utilities A-9
maximum record size	RMS-11 Utilities A-9
messages	RMS-11 Utilities A-20
placement control	RMS-11 Utilities A-14
primary key, definition	RMS-11 Utilities A-10
processing	RMS-11 Utilities A-1
protection	RMS-11 Utilities A-18
record format	RMS-11 Utilities A-8
terminating	RMS-11 Utilities A-5
RMSDES	RMS-11 Introduction 5-1
	RMS-11 User's Guide 1-12, 1-18
	RMS-11 Utilities 1-1, 2-1, 4-2, 5-1
See also RMS-11 Utilities	
allocation	
areas	RMS-11 Utilities 2-10, 2-25
areas	
defining	RMS-11 Utilities 2-1, 2-42, B-1
and BUCKET SIZE attribute	RMS-11 Utilities 2-32
and DATA AREA attribute	RMS-11 Utilities 2-40

MASTER INDEX

RMSDES

areas

defining (Cont.)

and INDEX AREA attribute

RMS-11 Utilities 2-41

and LEVEL1 INDEX AREA

RMS-11 Utilities 2-41

and SIZE attribute

RMS-11 Utilities 2-36

by default

RMS-11 Utilities 2-43

explicitly

RMS-11 Utilities 2-43

defining by default

RMS-11 Utilities 2-17, 2-38

CREATE command

RMS-11 Utilities 2-8

SET ALL command

RMS-11 Utilities 2-14

defining explicitly

RMS-11 Utilities 2-17

numbering

RMS-11 Utilities 2-8, 2-28, 2-43

attributes

ALLOCATION (area section)

RMS-11 Utilities 2-29

ALLOCATION (file section)

RMS-11 Utilities 2-44

BLOCK SPAN

RMS-11 Utilities 2-31

BUCKET SIZE (area section)

RMS-11 Utilities 2-37

BUCKET SIZE (file section)

RMS-11 Utilities 2-43, 2-45

CARRIAGE CONTROL

RMS-11 Utilities 2-32

CHANGES

RMS-11 Utilities 2-37

clearing

RMS-11 Utilities 2-40

clearing individual values

RMS-11 Utilities 2-22, 2-25

clearing sections

RMS-11 Utilities 2-26

CLUSTER SIZE

RMS-11 Utilities 2-26

CONTIGUOUS (area section)

RMS-11 Utilities 2-31

CONTIGUOUS (file section)

RMS-11 Utilities 2-46

CONTROL FIELD SIZE

RMS-11 Utilities 2-35

DATA AREA

RMS-11 Utilities 2-37

DATA FILL

RMS-11 Utilities 2-40

displaying

RMS-11 Utilities 2-40

displaying individual values

RMS-11 Utilities 2-15, 2-26

displaying sections

RMS-11 Utilities 2-26

DUPLICATES

RMS-11 Utilities 2-27

EXACT POSITIONING

RMS-11 Utilities 2-40, 2-42, 2-44

EXTENSION (area section)

RMS-11 Utilities 2-47

EXTENSION (file section)

RMS-11 Utilities 2-45

FILE PLACEMENT

RMS-11 Utilities 2-32

FORMAT

RMS-11 Utilities 2-30

INDEX AREA

RMS-11 Utilities 2-36

INDEX FILL

RMS-11 Utilities 2-41

informational

RMS-11 Utilities 2-1, 2-17, 2-29

LEVEL1 INDEX AREA

RMS-11 Utilities 2-41

MAGTAPE BLOCK SIZE

RMS-11 Utilities 2-34

MAX RECORD NUMBER

RMS-11 Utilities 2-34

NAME (file section)

RMS-11 Utilities 2-31

NAME (key section)

RMS-11 Utilities 2-38

NULL KEY

RMS-11 Utilities 2-39

NULL VALUE

RMS-11 Utilities 2-39

ORGANIZATION

RMS-11 Utilities 2-31

OWNER

RMS-11 Utilities 2-34

POSITION

RMS-11 Utilities 2-46

PROTECTION

RMS-11 Utilities 2-33

resetting

RMS-11 Utilities 2-21

REWIND MAGTAPE

RMS-11 Utilities 2-34

RMS-11

RMS-11 Utilities 2-1, 2-17, 2-29

SEGO POSITION

RMS-11 Utilities 2-42

SEGN LENGTH

RMS-11 Utilities 2-42

SEGN POSITION

RMS-11 Utilities 2-42

setting

RMS-11 Utilities 2-13

setting from data file

RMS-11 Utilities 2-25

setting from description file

RMS-11 Utilities 2-24

setting individual values

RMS-11 Utilities 2-21

setting sections

RMS-11 Utilities 2-21

SIZE

RMS-11 Utilities 2-36

SOURCE

RMS-11 Utilities 2-30

SUPERSEDE

RMS-11 Utilities 2-35

MASTER INDEX

RMSDES

attributes (Cont.)	RMS-11 Utilities 2-30
TARGET	RMS-11 Utilities 2-38
TYPE	RMS-11 User's Guide 6-29
bucket fill size	RMS-11 User's Guide 6-22
bucket size	RMS-11 User's Guide 4-3
relative files	RMS-11 Utilities 2-6, 2-18, 2-25
CLEAR command	to 2-26
defining areas by default	RMS-11 Utilities 2-44
in indirect command file	RMS-11 Utilities 2-4
PROTECTION attribute	RMS-11 Utilities 2-33
with CREATE	RMS-11 Utilities 2-8, 2-28
with SAVE	RMS-11 Utilities 2-27
clearing attributes	RMS-11 Utilities 2-6
commands	RMS-11 Utilities 2-4
CREATE command	RMS-11 Utilities 2-7, 2-18, 2-28,
defining areas by default	2-31
defining areas explicitly	RMS-11 Utilities 2-44
INDEX_AREA attribute	RMS-11 Utilities 2-43
key numbering	RMS-11 Utilities 2-41
LEVEL1 INDEX AREA attribute	RMS-11 Utilities 2-38
setting attributes	RMS-11 Utilities 2-41
with GET	RMS-11 Utilities 2-21
creating data files	RMS-11 Utilities 2-10, 2-25
CTRL/Z command	RMS-11 Utilities 2-28
data file	RMS-11 Utilities 2-2, 2-9, 2-18
creating	RMS-11 Utilities 2-3, 2-17, 2-24
GET command	RMS-11 Utilities 2-3, 2-7, 2-28
defaults	RMS-11 Utilities 2-10
defining areas by default	RMS-11 Utilities 2-21
CREATE command	RMS-11 Utilities 2-28
DEQ	RMS-11 User's Guide 3-5, 4-4,
description file	6-26
EXIT command	RMS-11 Utilities 2-3, 2-17, 2-24
GET command	RMS-11 Utilities 2-10
SAVE command	RMS-11 Utilities 2-10
saving the design	RMS-11 Utilities 2-27
design buffer	RMS-11 Utilities 2-13
using	RMS-11 Utilities 2-1
design session	RMS-11 Utilities 2-16
resuming	RMS-11 Utilities 2-1
ESC command	RMS-11 Utilities 2-22
examples	RMS-11 Utilities 2-9, 2-21
EXIT command	RMS-11 Utilities 2-47
GET command	RMS-11 Utilities 2-3, 2-9, 2-18,
PROTECTION attribute	2-27
with SAVE	RMS-11 Utilities 2-10, 2-17, 2-24
HELP command	RMS-11 Utilities 2-33
indirect command file	RMS-11 Utilities 2-28
comments	RMS-11 Utilities 2-11
initial allocation	RMS-11 Utilities 2-3
invoking	RMS-11 Utilities 2-4
key segments	RMS-11 User's Guide 3-4, 4-4,
keys	6-26
numbering	RMS-11 Utilities 2-2
magnetic tape	RMS-11 User's Guide 6-7
messages	RMS-11 Utilities 2-8, 2-28, 2-38
MRN	RMS-11 Utilities 2-34
multiple areas	RMS-11 Utilities 2-52
multiple keys	RMS-11 User's Guide 4-5
placement control	RMS-11 Utilities 2-7, 2-43
prompt	RMS-11 Utilities 2-7, 2-38
	RMS-11 User's Guide 6-14
	RMS-11 Utilities 2-2

MASTER INDEX

RMSDES

prompt (Cont.)
 conditional

QUIT command

SAVE command
 setting attributes
 saving the design
 sections, design buffer
 area section
 file section
 key section
 key segments
 record section
 system section

SET command
 allocation
 defining areas by default
 defining areas explicitly
 INDEX AREA attribute
 LEVEL INDEX AREA attribute
 PROTECTION attribute
 with GET

SHOW ALL command
 defining areas by default
 defining areas explicitly
 setting attributes

SHOW command
 allocation
 PROTECTION attribute
 with GET

SHOW ID command
 terminating
 version

RMSDSP

See also RMS-11 Utilities
 ANSI-standard tape
 /BP switch
 command string
 container file
 detailed display
 display information
 examples
 /FU switch
 HELP
 /ID switch
 indirect command file
 intersystem file transfer
 invoking
 magtape allocation information
 messages
 mounting tapes
 prompt
 switches
 terminating

RMSIFL

See also RMS-11 Utilities
 calculating file work space
 command string
 /DE switch

RMS-11 Utilities 2-1, 2-13 to
 2-15, 2-17, 2-21, 2-29

RMS-11 Utilities 2-2, 2-12, 2-18

RMS-11 Utilities 2-13, 2-18, 2-27

RMS-11 Utilities 2-21

RMS-11 Utilities 2-13, 2-22, 2-27

RMS-11 Utilities 2-1, 2-16, 2-29

RMS-11 Utilities 2-29, 2-42

RMS-11 Utilities 2-29, 2-31

RMS-11 Utilities 2-29, 2-38

RMS-11 Utilities 2-41

RMS-11 Utilities 2-29, 2-36

RMS-11 Utilities 2-29 to 2-30

RMS-11 Utilities 2-13, 2-17, 2-20,
 2-33

RMS-11 Utilities 2-10

RMS-11 Utilities 2-17, 2-43

RMS-11 Utilities 2-43

RMS-11 Utilities 2-41

RMS-11 Utilities 2-41

RMS-11 Utilities 2-33

RMS-11 Utilities 2-25

RMS-11 Utilities 2-4

RMS-11 Utilities 2-17

RMS-11 Utilities 2-43

RMS-11 Utilities 2-21

RMS-11 Utilities 2-15, 2-18, 2-26

RMS-11 Utilities 2-10

RMS-11 Utilities 2-33

RMS-11 Utilities 2-25

RMS-11 Utilities 2-16

RMS-11 Utilities 2-2, 2-9, 2-12

RMS-11 Utilities 2-16

RMS-11 Introduction 5-3

RMS-11 User's Guide 1-12, 1-19

RMS-11 Utilities 1-1, 5-1, 6-3,
 7-5, 7-10

RMS-11 Utilities 5-3

RMS-11 Utilities 5-3 to 5-4

RMS-11 Utilities 5-2 to 5-3

RMS-11 Utilities 5-1, 5-3 to 5-4

RMS-11 Utilities 5-4

RMS-11 Utilities 5-1

RMS-11 Utilities 5-5

RMS-11 Utilities 5-2, 5-4

RMS-11 Utilities 5-3

RMS-11 Utilities 5-3, 5-5

RMS-11 Utilities 5-2

RMS-11 Utilities 1-2

RMS-11 Utilities 5-2

RMS-11 Utilities 5-2

RMS-11 Utilities C-1

RMS-11 Utilities 5-3

RMS-11 Utilities 5-2

RMS-11 Utilities 5-3 to 5-4

RMS-11 Utilities 5-2

RMS-11 Introduction 5-2

RMS-11 User's Guide 1-12

RMS-11 Utilities 1-1, 3-1, 4-1 to
 4-2

RMS-11 Utilities 3-12

RMS-11 Utilities 3-2 to 3-3

RMS-11 Utilities 3-7, 3-10, 3-14

MASTER INDEX

RMSIFL (Cont.)

- /ER switch
- examples
- global switch
- HELP
- /ID switch
- indirect command file
- input file switches
- invoking
- /KR switch
- /LO switch
- messages
- /NOER switch
- /NOSO switch
- output file switches
- /PD switch
- populating files
- processing
 - building alternate indexes
 - command string checking
 - loading output file
 - reading and sorting input
 - sorting alternate key files
 - summary
 - terminating
- prompt
- sort error codes
- sort work files
- switches
- terminating
- /TR switch
- RMSLIB.OLB
- RMSMAC.MLB

RMSRES

- and I/O paging operations
- and overlays
- clustered
- compared with V1.8
- supervisor mode
- task building

RMSRST

- /BD switch
- command string
- data integrity checking
- examples
- /FR switch
- global switches
- HELP
- /ID switch
- indirect command file
- input file switches
- intersystem file transfer
 - /FR switch
 - version number conversion
- invoking
- messages
- /[NO]CV switch
- /[NO]QU switch

- RMS-11 Utilities 3-5 to 3-6
- RMS-11 Utilities 3-14
- RMS-11 Utilities 3-5
- RMS-11 Utilities 3-3
- RMS-11 Utilities 3-3, 3-5
- RMS-11 Utilities 3-2
- RMS-11 Utilities 3-7
- RMS-11 Utilities 3-2
- RMS-11 Utilities 3-8 to 3-9
- RMS-11 Utilities 3-6
- RMS-11 Utilities C-1
- RMS-11 Utilities 3-6
- RMS-11 Utilities 3-8 to 3-10
- RMS-11 Utilities 3-5
- RMS-11 Utilities 3-6 to 3-7, 3-11
- RMS-11 User's Guide 6-26 to 6-27
- RMS-11 Utilities 3-9
- RMS-11 Utilities 3-12
- RMS-11 Utilities 3-9
- RMS-11 Utilities 3-10
- RMS-11 Utilities 3-9
- RMS-11 Utilities 3-11
- RMS-11 Utilities 3-1
- RMS-11 Utilities 3-12
- RMS-11 Utilities 3-2
- RMS-11 Utilities D-1
- RMS-11 Utilities 3-1, 3-7, 3-12 to 3-13
- RMS-11 Utilities 3-3, 3-5
- RMS-11 Utilities 3-2
- RMS-11 Utilities 3-7, 3-11
- Program Development 1-11
- Command Language 6-41
- Program Development 1-9
- RMS-11 Macros 2-20
- RMS-11 User's Guide 8-10
- RMS-11 User's Guide 8-6, 8-9
- RMS-11 User's Guide 8-7
- Release Notes 2-14
- RMS-11 User's Guide 8-7
- RMS-11 User's Guide 8-6
- RMS-11 Introduction 5-3
- RMS-11 User's Guide 1-12
- RMS-11 Utilities 1-1, 4-2, 5-4, 6-1, 6-3, 6-8, 7-1
- RMS-11 Utilities 7-8, 7-10
- RMS-11 Utilities 7-2 to 7-3
- RMS-11 Utilities 7-6, 7-8, 7-11
- RMS-11 Utilities 7-12
- RMS-11 Utilities 7-7
- RMS-11 Utilities 7-5
- RMS-11 Utilities 7-3
- RMS-11 Utilities 7-3, 7-5
- RMS-11 Utilities 7-2
- RMS-11 Utilities 7-8
- RMS-11 Utilities 1-2, 7-1, 7-10
- RMS-11 Utilities 7-7
- RMS-11 Utilities 7-5
- RMS-11 Utilities 7-2
- RMS-11 Utilities C-1
- RMS-11 Utilities 7-5, 7-10
- RMS-11 Utilities 7-6 to 7-8, 7-12

MASTER INDEX

RMSRST (Cont.)

- /OA switch
- output file switches
- processing
 - data integrity checking
 - explicit/implicit file-spec
 - extended diagnostic messages
 - restoration account
 - summary listing
- prompt
- query mode
- /RA switch
- /RC switch
- /SE switch
- /SL switch
- /SU switch
- summary listing
- terminating

RMSSEQ

- compared with V1.8

\$RMSTAT macro

RMT

- /RNDC keyword
 - SET command
 - VMR
- /RNDH keyword
 - SET command
 - VMR
- /RNDL keyword
 - SET command
 - VMR

RO qualifier (MCR)

- /RO switch
 - ZAP utility

RO symbolic argument

- /RON keyword
 - FIX command
 - VMR
 - INSTALL command
 - VMR
 - UNFIX command
 - VMR

Root

- in a co-tree
- indexed files
- null
 - in ODL
- structure
 - overlay

.ROOT directive

.ROOT statement

- allocation diagram
 - creating from

ROP field in RAB

- CONNECT operation
- DELETE operation
- DISCONNECT operation
- FIND operation
- FLUSH operation
- FREE operation
- GET operation
- NXTVOL operation
 - offset
- PUT operation

- RMS-11 Utilities 7-9 to 7-10
- RMS-11 Utilities 7-7
- RMS-11 Utilities 7-9
- RMS-11 Utilities 7-11
- RMS-11 Utilities 7-10
- RMS-11 Utilities 7-11
- RMS-11 Utilities 7-10
- RMS-11 Utilities 7-12
- RMS-11 Utilities 7-2
- RMS-11 Utilities 7-6 to 7-8, 7-11
- RMS-11 Utilities 7-7, 7-11
- RMS-11 Utilities 7-8, 7-11
- RMS-11 Utilities 7-3, 7-9
- RMS-11 Utilities 7-6, 7-12
- RMS-11 Utilities 7-8
- RMS-11 Utilities 7-12
- RMS-11 Utilities 7-2

- Release Notes 2-15
- RMS-11 Macros C-3
- System Management 11-2

- MCR Operations 3-201
- System Management 10-58

- MCR Operations 3-202
- System Management 10-58

- MCR Operations 3-202
- System Management 10-58
- EDT Editor 4-7
- Task Builder 10-34
- Utilities 15-2
- PDP-11 MACRO-11 6-40

- MCR Operations 3-55
- System Management 10-19
- MCR Operations 3-99
- System Management 10-24
- MCR Operations 3-230
- System Management 10-74
- RMS-11 User's Guide 1-7
- Task Builder 3-31
- RMS-11 User's Guide 5-5
- Task Builder 3-31
- Task Builder 3-31

- Task Builder 3-21
- Task Builder 3-23

- Task Builder 3-37
- RMS-11 Macros 4-1, 4-4 to 4-7
- RMS-11 Macros 5-6 to 5-7
- RMS-11 Macros 5-25
- RMS-11 Macros 5-27
- RMS-11 Macros 5-49, 5-51 to 5-52, 5-54
- RMS-11 Macros 5-56
- RMS-11 Macros 5-58
- RMS-11 Macros 5-60 to 5-61, 5-63 to 5-64, 5-67 to 5-68
- RMS-11 Macros 5-70
- RMS-11 Macros 6-115
- RMS-11 Macros 5-91 to 5-92, 5-95 to 5-96

MASTER INDEX

ROP field in RAB (Cont.)

READ operation	RMS-11 Macros 5-98, 5-100
REWIND operation	RMS-11 Macros 5-114
SPACE operation	RMS-11 Macros 5-120
summary	
RB\$ASY mask	RMS-11 Macros 6-131
RB\$EOF mask	RMS-11 Macros 6-132
RB\$FDL mask	RMS-11 Macros 6-133
RB\$KGE mask	RMS-11 Macros 6-134
RB\$KGT mask	RMS-11 Macros 6-135
RB\$LOA mask	RMS-11 Macros 6-136
RB\$LOC mask	RMS-11 Macros 6-137
RB\$MAS mask	RMS-11 Macros 6-138
RB\$UIF mask	RMS-11 Macros 6-139
TRUNCATE operation	RMS-11 Macros 5-122
UPDATE operation	RMS-11 Macros 5-124
WRITE operation	RMS-11 Macros 5-127, 5-129
/ROPAR keyword	
INSTALL command	MCR Operations 3-99
VMR	System Management 10-24
RUN command	MCR Operations 3-157
ROPAR option	Task Builder 11-33
Round-robin scheduler	Introduction 5-8, Gloss-29
	System Generation C-3
duration	
specifying	System Management 10-58
length	
specifying	MCR Operations 3-201
priority	
specifying	MCR Operations 3-202
	System Management 10-58
Rounding	
floating-point	PDP-11 MACRO-11 6-34
/RP switch	
LBR utility	Utilities 10-23
RP02/RPR02/RP03 disk	
SYSGEN question	System Generation 3-41
RP03	I/O Drivers 5-1
RP04	I/O Drivers 5-1, 5-3
RP04/05/06 disk	
SYSGEN question	System Generation 3-32
RP05	I/O Drivers 5-3
RP06	I/O Drivers 5-3
RP07 disk	
SYSGEN question	System Generation 3-33
RP11 controller	
SYSGEN question	System Generation 3-41
/RPA keyword	
SET command	MCR Operations 3-203
VMR	System Management 10-58
RPOIS	Executive 5-129
/RPRI keyword	
ALTER command	MCR Operations 3-15
%RPT	Error Logging 5-22
RPT	Error Logging 1-1
command line	Error Logging 3-2
input file	Error Logging 3-2
multiple qualifiers	Error Logging 3-3
report file	Error Logging 3-2
switches	Error Logging 3-2
universal library	Error Logging 3-2
concurrent I/O error logging	Error Logging 1-5
/DA switch	Error Logging 3-5, 3-8
Date switch	Error Logging 3-5, 3-8
/DE switch	Error Logging 3-5, 3-8
Device switch	Error Logging 3-5, 3-8

MASTER INDEX

RPT

Device switch (Cont.)	Error Logging 3-4
multiple qualifiers	Error Logging 1-4
error log control file	Error Logging 1-4
error log packet	Error Logging 3-1
number	Error Logging 1-5
error type definition	Error Logging 3-5, 3-11
/F switch	Error Logging 3-5, 3-11
Format switch	Error Logging 3-11
brief report	Error Logging 3-15
full report	Error Logging 3-19
No report	Error Logging 3-18
Register report	Error Logging 3-2
information required	Error Logging 3-2
format selection	Error Logging 3-2
packet selection	Error Logging 3-2
summary selection	Error Logging 5-1
interpreter	Error Logging 3-5, 3-8
/P switch	Error Logging 3-5, 3-8
Packet number switch	Error Logging 3-4
multiple qualifiers	Error Logging 3-6, 3-27
/R switch	Error Logging 1-4 to 1-5
report information selection	Error Logging 3-6, 3-27
Report switch	Error Logging 3-6, 3-9
/SE switch	Error Logging 3-6, 3-9
Serial number switch	Error Logging 3-4
multiple qualifiers	Error Logging 3-6, 3-20
/SU switch	Error Logging 3-5
subswitch summary	Error Logging 3-6, 3-20
Summary switch	Error Logging 3-20
error report	Error Logging 3-23
geometry report	Error Logging 3-25
history report	Error Logging 3-4
multiple qualifiers	Error Logging 3-27
no report	Error Logging 3-5
switch summary	Error Logging 3-7, 3-9
/T switch	Error Logging 3-7, 3-9
Type switch	Error Logging 3-4
multiple qualifiers	Error Logging 3-7, 3-10
/V switch	Error Logging 3-7, 3-10
Volume label switch	Error Logging 3-7, 3-28
/W switch	Error Logging 3-7, 3-28
Width switch	Error Logging 5-21
RPT control function	Error Logging 3-4
RPT default command line	Error Logging 3-4
Date switch	Error Logging 3-4
Device switch	Error Logging 3-4
Format switch	Error Logging 3-4
Packet switch	Error Logging 3-4
Summary switch	Error Logging 3-4
Type switch	Error Logging 3-4
Width switch	Error Logging 3-4
RPT default file specification	Error Logging 3-3
RPT report switch	Error Logging 3-5
format packet	Error Logging 3-5
select packet	Error Logging 3-5
summarize packet	Error Logging 3-2
RPTBLD.BLD file	System Library 7-3
\$RQCB (Request core blocks)	RMS-11 Macros 2-20
\$RQCB system routine	Writing I/O Driver 4-41
\$RQCNC	Writing I/O Driver 4-41
\$RQCND	Executive 5-133
RQST\$	

MASTER INDEX

\$RQVCB (Request virtual core
block)

RREF\$

RRN

See also BKT field in RAB
relative files
sequential files

RRV

/RS keyword

MOUNT command

/RS switch

FLX utility

SLP utility

RS03

RS03/04 disk

SYSGEN question

RS04

RSA field in NAM block

offset

SEARCH operation

summary

/RSI keyword

RUN command

VMR

RSL field in NAM block

CREATE operation

ENTER operation

ERASE operation

offset

OPEN operation

PARSE operation

REMOVE operation

RENAME operation

SEARCH operation

summary

RSS field in NAM block

offset

SEARCH operation

summary

RSTS/E RMS-11

contrasted with PRO/RMS-11

contrasted with RSX-11 RMS-11

remote access

RSUM\$

RSX-11M system prompts and CLI

RSX-11M versus RSX-11M-PLUS

RSX-11M-PLUS

features

RSX-11M-PLUS system prompts and

CLI

RSX-11M-PLUS versus RSX-11M

RSX-11M/M-PLUS DCL

RSX-11M/M-PLUS RMS-11

contrasted with PRO/RMS-11

contrasted with RSTS/E RMS-11

remote access

RSX11.SYS

See Account file

<RSX11D> symbol

RSX11M.STB

RSXASM.CMD file

RSXMAC.SML

System Library 8-20

Executive 5-136

RMS-11 Introduction 3-5, 3-12,
3-14 to 3-15

RMS-11 User's Guide 4-1

RMS-11 User's Guide 3-2

RMS-11 User's Guide 5-12, 5-16

MCR Operations 3-126

Utilities 4-4

Utilities 13-16

I/O Drivers 5-1

System Generation 3-34

I/O Drivers 5-1

RMS-11 Macros 3-9

RMS-11 Macros 6-94

RMS-11 Macros 5-116

RMS-11 Macros 6-103

MCR Operations 3-153

System Management 10-36

RMS-11 Macros 5-21

RMS-11 Macros 5-38

RMS-11 Macros 5-43

RMS-11 Macros 6-94

RMS-11 Macros 5-81

RMS-11 Macros 5-87

RMS-11 Macros 5-105

RMS-11 Macros 5-112

RMS-11 Macros 5-116 to 5-117

RMS-11 Macros 6-104

RMS-11 Macros 6-94

RMS-11 Macros 5-116

RMS-11 Macros 6-105

RMS-11 Macros D-1

RMS-11 Macros D-3

RMS-11 User's Guide B-3

Executive 5-139

EDT Editor 2-3

Introduction 5-3, Gloss-3

Executive 1-13

EDT Editor 2-3

Introduction 5-3, Gloss-3

Command Language 1-19

RMS-11 Macros D-3

RMS-11 Macros D-3

RMS-11 User's Guide B-3

MCR Operations 4-10

Crash Dump Analyzer 1-1, 2-9

Writing I/O Driver 5-3

Command Language 6-41

Executive 1-5

Program Development 1-5, 1-9 to
1-10, 2-7

MASTER INDEX

RSXTIME
 RSZ field in RAB
 GET operation
 offset
 PUT operation
 READ operation
 summary
 UPDATE operation
 WRITE operation
 /RT switch
 FLX utility
 RT-11
 device support
 FLX utility
 file copying
 FLX utility
 volume
 deleting
 FLX utility
 directory listing
 FLX utility
 initializing
 FLX utility
 RT02
 RT02-C
 control function
 \$\$RTQ
 PSECT
 reserved PSECT name
 \$\$RTR
 PSECT
 reserved PSECT name
 \$\$RTS
 PSECT
 reserved PSECT name
 RTV field in FAB
 CREATE operation
 offset
 OPEN operation
 RSTS/E
 summary
 RUBOUT
 line printer
 RUN command

command line format
 error message
 example
 keyword
 /CKP
 /CMD
 /EST
 /INC
 /IOP
 /PAR
 /PMD
 /PRI
 /ROPAR
 /RSI
 /SLV
 /TASK
 /TIME
 /UIC

Error Logging 5-7
 RMS-11 Macros 4-7, 4-13
 RMS-11 Macros 5-61, 5-65, 5-68
 RMS-11 Macros 6-115
 RMS-11 Macros 5-92, 5-95
 RMS-11 Macros 5-99, 5-101
 RMS-11 Macros 6-140
 RMS-11 Macros 5-124
 RMS-11 Macros 5-127, 5-129

Utilities 4-4

Utilities 4-2

Utilities 4-3

Utilities 4-12

Utilities 4-10

Utilities 4-12

I/O Drivers 2-4A, 3-3

I/O Drivers 3-3

I/O Drivers 2-40A, 3-30

Task Builder 5-52 to 5-53

Task Builder E-3

Task Builder 5-52 to 5-53

Task Builder E-4

Task Builder 5-53

Task Builder E-4

RMS-11 Macros 5-13

RMS-11 Macros 6-23

RMS-11 Macros 5-75

RMS-11 Macros D-3

RMS-11 Macros 6-62

I/O Drivers 3-24

I/O Drivers 10-6

Introduction 3-11, 4-2, 4-9 to

4-10, 4-13, 5-5, Gloss-17

Command Language 7-1, 7-4 to 7-16,

7-26, 7-60, 9-30, 9-37

Program Development 4-7, 5-2, 7-6

MCR Operations 3-151

MCR Operations 3-151 to 3-154

MCR Operations 3-159

MCR Operations 3-158

MCR Operations 3-155

MCR Operations 3-155

MCR Operations 3-155

MCR Operations 3-155

MCR Operations 3-156

MCR Operations 3-156

MCR Operations 3-156

MCR Operations 3-157

MCR Operations 3-157

MCR Operations 3-153

MCR Operations 3-157

MCR Operations 3-157

MCR Operations 3-157

MCR Operations 3-151, 3-158

MASTER INDEX

RUN command (Cont.)
 VMR
 command line format
 example
 keyword
 /RSI
 /UIC
 Run Task directive
 RUN\$
 Run-time support
 overlaid region
 autoload
 autoload call overhead
 FTB and old libraries
 named program sections
 Running task
 RUNTIME command
 IOX
 RVB field in KEY block
 DISPLAY operation
 offset
 OPEN operation
 summary
 RVN field in DAT block
 DISPLAY operation
 offset
 OPEN operation
 RSTS/E
 summary
 RVN field in NAM block
 RSX-11
 /RW switch
 DMP utility
 DSC utility
 FLX utility
 PIP utility
 RMSBCK utility
 RW symbolic argument
 RX01
 RX01 disk
 SYSGEN question
 RX02
 RX02 disk
 SYSGEN question
 RX11 controller
 SYSGEN question
 RX211 controller
 SYSGEN question
 RX50
 RX50 disk
 SYSGEN question

S

S command
 description
 example

 S register
 S.ST2
 S.ST3
 S.STS
 S.xxx offsets
 in SCB
 SAB
 Resource Accounting

 System Management 10-36
 System Management 10-36 to 10-38
 System Management 10-39

 System Management 10-36
 System Management 10-37
 Executive 5-140
 Executive 5-140

 Task Builder 5-12 to 5-13
 Task Builder 5-13
 Task Builder 5-13
 Task Builder 5-13
 Task Builder 5-13
 Introduction 4-2

 System Management 4-55

 RMS-11 Macros 5-31
 RMS-11 Macros 6-68
 RMS-11 Macros 5-80
 RMS-11 Macros 6-91

 RMS-11 Macros 5-32
 RMS-11 Macros 6-14
 RMS-11 Macros 5-81
 RMS-11 Macros D-4
 RMS-11 Macros 6-21

 RMS-11 Macros D-4

 Utilities 11-7
 Utilities 8-15
 Utilities 4-8
 Utilities 3-36
 RMS-11 Utilities 6-7
 PDP-11 MACRO-11 6-40
 I/O Drivers 5-4

 System Generation 3-47
 I/O Drivers 5-4

 System Generation 3-48

 System Generation 3-47

 System Generation 3-48
 I/O Drivers 5-4A

 System Generation 3-42

 EDT Editor 8-16
 EDT Editor 2-42
 ODT 2-10, 3-3
 ODT 2-6, 5-3
 Writing I/O Driver 4-42
 Writing I/O Driver 4-41
 Writing I/O Driver 4-41

 Writing I/O Driver 4-39 to 4-45
 Writing I/O Driver A-5
 System Management 17-3

MASTER INDEX

\$SAHDB
 contains an unknown value
 \$SAHPT
 pointer to first word of task
 header
 Sample program
 Sanity timer
 activating
 SAV symbolic argument
 \$SAVAL (Save all registers)
 Save attribute
 SAVE command
 command line format
 error message
 example
 keyword
 /CSR
 /MOU
 /SFILE
 /WB
 requirement
 RMSDES utility
 setting attributes
 valid device
 compatible
 VMR
 command line format
 example
 keyword
 /BOOT
 /DENS
 Save command
 EDI editor
 .SAVE directive
 SAVE qualifier
 line editing
 QUIT
 Saved answer file
 comment line
 content
 default names
 definition
 description
 incomplete
 SYSGEN question
 Saved stack pointer
 Saved system
 backing up
 definition
 Saving edit
 See also EXIT command
 Saving the design
 See also Description file
 RMSDES utility
 .SAVR1 (Save registers 1-5)
 \$SAVRG (Save registers 3-5)
 \$SAVSP
 pointer to first word of task
 header
 \$SAVVR (Save registers 0-2)
 /SB switch
 DMP utility
 PIP utility
 .SBTTL directive
 SC command
 EDI editor
 Writing I/O Driver 6-9 to 6-10
 Writing I/O Driver 6-8
 Writing I/O Driver 6-9
 Writing I/O Driver 6-8
 I/O Operations D-1
 System Management 15-24
 PDP-11 MACRO-11 6-42
 System Library 2-2
 Task Builder 2-4
 MCR Operations 3-160
 MCR Operations 3-162
 MCR Operations 3-163
 MCR Operations 3-163
 MCR Operations 3-163
 MCR Operations 3-163
 MCR Operations 3-161
 RMS-11 Utilities 2-13, 2-18, 2-27
 RMS-11 Utilities 2-21
 MCR Operations 3-160
 MCR Operations 3-160
 System Management 10-40
 System Management 10-40
 System Management 10-41
 System Management 10-40
 System Management 10-40
 Utilities 2-44
 PDP-11 MACRO-11 6-47 to 6-48
 EDT Editor 7-14
 EDT Editor 7-8
 EDT Editor 3-2, 3-4
 System Generation 3-5
 System Generation 3-5
 System Generation 3-5
 System Generation 1-12
 System Generation 3-5
 System Generation 3-5 to 3-6
 System Generation 3-16
 Crash Dump Analyzer 3-20
 System Generation 4-3
 System Generation 1-11
 EDT Editor 5-9
 RMS-11 Utilities 2-22, 2-27
 System Library 2-5
 System Library 2-3
 Writing I/O Driver 6-9
 Writing I/O Driver 6-8
 System Library 2-4
 Utilities 11-8
 Utilities 3-37
 PDP-11 MACRO-11 6-15 to 6-16
 Program Development 2-6
 Utilities 2-44

MASTER INDEX

SCAA\$	Executive 5-145
SCAL to CSM library	
converting	Task Builder 8-20
SCAL\$S	Executive 5-146
Scan rate	
Resource Accounting	System Management 17-6
/SCB	Crash Dump Analyzer 2-2
SCB	Writing I/O Driver 1-13, 2-2
adding KRB	Writing I/O Driver B-2
address for KRB	Writing I/O Driver 2-3
changes for converting a driver	Writing I/O Driver B-2
combined with KRB	Writing I/O Driver 4-53
layout	Writing I/O Driver 4-54
composite arrangement	Writing I/O Driver 2-13 to 2-14
contiguous with KRB	Writing I/O Driver 2-7, 4-3
details	Writing I/O Driver 4-37, 4-39 to 4-44
format	Writing I/O Driver 4-39 to 4-44
KRB addresses for	Writing I/O Driver 4-45
layout	Writing I/O Driver 4-38
link to fork blocks	Writing I/O Driver 2-3
overview	Writing I/O Driver 2-3
parallel operations	Writing I/O Driver 2-3
pointer	Writing I/O Driver 4-44
to currently assigned KRB	
to head of queue for I/O requests	Writing I/O Driver 2-3
validation during LOAD	Writing I/O Driver 5-13 to 5-14
SCBDF\$	Crash Dump Analyzer C-57
	Writing I/O Driver A-56 to A-57
Scheduling	
task	Command Language 7-12 to 7-15, 7-60, 9-30, 9-37
SCLI\$	Executive 5-148
Scope	
See Terminal, video	
Scope-code	Task Builder 2-4, 2-7
Scratch disk	Command Language 5-10 to 5-11
Screen	
refreshing	EDT Editor 5-8
shifting image of	EDT Editor 8-18
showing parameters of	EDT Editor 9-17
width	EDT Editor 9-6
Scroll	Introduction Gloss-29
SCROLL key	Command Language 3-14
VT52	Introduction 1-17
Scrolling	EDT Editor 2-28
/SD switch	
PIP utility	Utilities 3-37
SDAT\$	Executive 5-150
SDRC\$	Executive 5-152
SDRP\$	Executive 5-155
/SE switch	Error Logging 3-6, 3-9
	Task Builder 10-35
	RMS-11 Utilities 7-3, 7-9
RMSRST utility	
Search	
argument register	ODT 2-6, 5-3, 6-2
command	ODT 6-3
limit register	ODT 2-6, 5-3, 6-1
mask register	ODT 2-6, 5-3, 6-2
memory	ODT 2-8, 2-10, 6-3
setting direction of	EDT Editor 2-42, 5-21, 8-5 to 8-6
showing parameters of	EDT Editor 9-17
word or byte	ODT 2-11, 6-3
SEARCH & CHANGE command	
EDI editor	Utilities 2-44
Search command	ODT 2-11

MASTER INDEX

- \$SEARCH macro
 - example
- SEARCH operation
 - BDB requirement
 - I/O buffer requirement
 - IFAB requirement
 - remote access
 - \$SEARCH macro
 - wildcard loop
 - explicit
 - implicit
- SEARCH statement
- Search time
 - indexed files
- Searching
 - text
 - EDT editor
- /SEC keyword
 - INSTALL command
 - VMR
- Secondary disk errors
- Secondary file
 - appending data to
 - closing
 - opening
 - for reading
 - outputting text to
- Secondary index data record
 - See SIDR
- Secondary pool
 - installing task in
- Resource Accounting
 - use
 - displaying
- Secondary pool dump
- Secondary pool switch
- Secondary UNIBUS run
- /SECPOL keyword
 - SET command
 - VMR
- SECTION function
- Section, design buffer
 - RMSDES utility
 - area section
 - file section
 - key section
 - key segments
 - record section
 - system section
- Sections of SYSGEN
 - Adding a Device
 - Assembling the Executive and Drivers
 - Building the Executive and Drivers
 - Building the Nonprivileged Tasks
 - Building the Privileged Tasks
 - Choosing Executive Options
 - Choosing Peripheral Configuration
 - Choosing SYSGEN Options
 - Creating the System Image File

- RMS-11 Macros 5-116
- RMS-11 Macros 7-7, 7-15
- RMS-11 Introduction 4-1
- RMS-11 User's Guide 1-17
- RMS-11 Macros 2-8
- RMS-11 Macros 2-7
- RMS-11 Macros 2-5
- RMS-11 User's Guide B-1
- RMS-11 Macros 5-116
- RMS-11 Macros 3-9
- RMS-11 Macros 3-11
- RMS-11 Macros 3-9 to 3-10
- Error Logging 5-40

RMS-11 User's Guide 5-8

Introduction 2-13

- MCR Operations 3-99
- System Management 10-24
- System Management 18-10

- MCR Operations 4-44
- MCR Operations 4-29
- MCR Operations 4-44
- MCR Operations 4-45
- MCR Operations 4-29

- Introduction Gloss-29
- MCR Operations 3-99
- System Management 10-24
- System Management 17-5

- MCR Operations 3-204
- System Management 10-59
- Crash Dump Analyzer 3-45
- Crash Dump Analyzer 2-5
- Writing I/O Driver 1-17

- MCR Operations 3-204
- System Management 10-59
- EDT Editor 5-20

- RMS-11 Utilities 2-1, 2-16, 2-29
- RMS-11 Utilities 2-29, 2-42
- RMS-11 Utilities 2-29, 2-31
- RMS-11 Utilities 2-29, 2-38
- RMS-11 Utilities 2-41
- RMS-11 Utilities 2-29, 2-36
- RMS-11 Utilities 2-29 to 2-30

System Generation 4-9

System Generation 3-67

System Generation 3-68

- System Generation 3-72
- System Generation 3-70
- System Generation 3-20

- System Generation 3-31
- System Generation 3-15
- System Generation 3-75

MASTER INDEX

Sector	RMS-11 Introduction 2-1
See also Placement control	
Seek	I/O Drivers 5-7
overlapped	
SEGO POSITION	RMS-11 Utilities 2-42
RMSDES utility	
Segment	
autoloadable	Task Builder 4-7
data	Task Builder 4-4
global symbol in	Task Builder 3-10
call	Task Builder 4-6
to up-tree	Task Builder 3-1
definition of a	Task Builder B-19
descriptor	Task Builder 7-11
I- and D-space task	Task Builder 3-20
in overlay	
limiting number	Task Builder F-4
reducing overhead	
loading	Task Builder 4-2
as part of co-tree	Task Builder 4-4, 4-6
when called	Task Builder 4-3
making autoloadable	Task Builder 2-10
mapping	Task Builder 2-11
disk-resident	Task Builder 2-12
memory-resident	Task Builder 3-5
multiple	Task Builder 3-16
global symbol in	Task Builder 3-17
global symbol resolution	Task Builder 3-16
symbol resolution	
name	Task Builder 4-3
applying autoload indicator	Task Builder 3-26
to	
.FCTR directive argument	
null	Task Builder 3-31
in ODL	
overlay	Task Builder 3-15
arrangement	Task Builder 3-21
root structure	Task Builder 3-17
symbol processing	Task Builder 3-17
processing order	Task Builder 3-4, 3-8
single	
up-tree	Task Builder 3-22
I- and D-space	RMS-11 Introduction 3-10
Segmented key	RMS-11 User's Guide 6-7
Segmented resident library	
new RMS feature	Release Notes 2-1
SEGN LENGTH	RMS-11 Utilities 2-42
RMSDES utility	
SEGN POSITION	RMS-11 Utilities 2-42
RMSDES utility	EDT Editor 8-17
SEL command	Command Language 3-12
SEL key	
SELECT command	System Management 4-56
IOX	EDT Editor 2-12, 5-33
SELECT function	EDT Editor 5-34
example with CUT and PASTE	EDT Editor 5-52
reverse	
SELECT PRIMARY command	Utilities 2-45
EDI editor	
SELECT range	EDT Editor 2-12, 5-34
marking text with	
Select recovery	I/O Drivers 8-13
magnetic tape	
SELECT SECONDARY command	Utilities 2-46
EDI editor	Error Logging 5-34 to 5-35
SELECT statement	

MASTER INDEX

SELTM1
 Semicolon (;)

 Send By Reference directive
 Send Data directive
 Send Data Request and Pass
 Offspring Control Block
 directive
 SEND directive
 enabling for your task
 Send Message directive
 Send Next Command directive
 Send, Request And Connect
 directive
 \$SEP
 predefined syntax element in
 MML
 Separating character
 Separator
 dot (.)
 Radix-50 (*)
 semicolon (;)
 SEQ argument to ORG\$ macro
 SEQ symbolic argument
 Sequence Control Commands
 See also STOP, CONTINUE, GOTO
 and SET ON
 definition
 /SEQUENCE qualifier
 \$SUBMIT command
 SEQUENCE qualifier
 description
 fixed line number
 line editing
 SEQUENCE NUMBERS argument
 Sequencing line
 See RESEQUENCE command
 Sequential access

 block

 FIND
 GET
 PUT
 record

 to indexed files
 to relative files
 to sequential files
 Sequential block access
 See BKT field in RAB
 Sequential device
 See FB\$SQD mask in DEV field
 Sequential file organization

 See also FB\$SEQ code
 access declarations
 allocation
 DEQ
 initial
 and remote access
 asynchronous operations
 cells
 CONNECT operation
 declaring with ORG\$ macro
 deferred write

Error Logging 4-4
 ODT 2-5
 Task Builder 1-8
 Executive 5-188
 Executive 5-150

Executive 5-155

Task Builder 10-35
 Executive 5-162
 Executive 5-165

Executive 5-152

System Management 12-44
 PDP-11 MACRO-11 3-3

ODT 2-5
 ODT 2-5
 ODT 2-5
 RMS-11 Macros 2-3
 PDP-11 MACRO-11 6-10

Batch and Queue Gloss-8

Batch and Queue 3-25

EDT Editor 6-3
 EDT Editor 6-4
 EDT Editor 7-8
 PDP-11 MACRO-11 8-11

Introduction 5-12, Gloss-29
 RMS-11 Introduction 2-4 to 2-5
 RMS-11 User's Guide 1-7 to 1-8
 RMS-11 Introduction 3-12
 RMS-11 User's Guide 1-20
 RMS-11 User's Guide 1-16
 RMS-11 User's Guide 1-16
 RMS-11 User's Guide 1-16
 RMS-11 Introduction 3-11
 RMS-11 User's Guide 1-12
 RMS-11 User's Guide 5-16
 RMS-11 User's Guide 4-1
 RMS-11 User's Guide 3-2

RMS-11 Introduction 3-4
 RMS-11 User's Guide 1-3, 1-11

RMS-11 User's Guide 3-6

RMS-11 User's Guide 3-4
 RMS-11 User's Guide 3-4
 RMS-11 User's Guide B-3
 RMS-11 User's Guide 3-14
 RMS-11 User's Guide 3-2
 RMS-11 User's Guide 3-7
 RMS-11 Macros 2-3
 RMS-11 User's Guide 3-14

MASTER INDEX

Sequential file organization (Cont.)	
design	RMS-11 User's Guide 3-1
allocation	RMS-11 User's Guide 3-4
contiguity	RMS-11 User's Guide 3-5
medium	RMS-11 User's Guide 3-3
record format	RMS-11 User's Guide 3-3
directory operations	RMS-11 User's Guide 3-15
DISCONNECT operation	RMS-11 User's Guide 3-7
end-of-block indicators	RMS-11 User's Guide 3-2
end-of-file	RMS-11 User's Guide 3-2
FCS-11 compatibility	RMS-11 User's Guide 3-2
file operations	RMS-11 User's Guide 3-15
FIND operation	RMS-11 User's Guide 3-7
FLUSH operation	RMS-11 User's Guide 3-9
GET operation	RMS-11 User's Guide 3-9, 3-13 to 3-14
I/O techniques	RMS-11 User's Guide 3-14
MBC	RMS-11 User's Guide 3-15
multiple access streams	RMS-11 User's Guide 3-15
multiple buffers	RMS-11 User's Guide 3-14
PUT operation	RMS-11 User's Guide 3-10, 3-13
random access	
by key	RMS-11 User's Guide 3-2
by RFA	RMS-11 User's Guide 3-2
record operations	RMS-11 User's Guide 3-7
record size	RMS-11 User's Guide 3-2
record transfer modes	RMS-11 User's Guide 3-13
locate mode	RMS-11 User's Guide 3-14, 4-13
move mode	RMS-11 User's Guide 3-13 to 3-14
REWIND operation	RMS-11 User's Guide 3-11
RRN	RMS-11 Introduction 3-5
sequential access	RMS-11 User's Guide 3-2
shared access	RMS-11 User's Guide 3-5
block access	RMS-11 User's Guide 3-6
record access	RMS-11 User's Guide 3-6
record structured files	RMS-11 User's Guide 3-6
with undefined records	RMS-11 User's Guide 3-6
sharing declarations	RMS-11 User's Guide 3-6
stream operations	RMS-11 User's Guide 3-7
structure	RMS-11 User's Guide 3-1
conceptual	RMS-11 User's Guide 3-2
physical	RMS-11 User's Guide 3-1
TRUNCATE operation	RMS-11 User's Guide 3-12
UPDATE operation	RMS-11 User's Guide 3-12 to 3-14
user-provided interlocks	RMS-11 User's Guide 2-7, 3-6
Sequential record access	
See RB\$SEQ code in RAC field	
Serial command processing	
CLI	System Management 11-9
Serial Despooler Task	
See Despooler	
/SERIAL keyword	
SET command	MCR Operations 3-204
Serial number switch	Error Logging 3-6, 3-9
Serial operations	
single controller	Writing I/O Driver 2-7
Serial unit operation	
data base structures	Writing I/O Driver 2-7
multiple units per controller	Writing I/O Driver 2-7
Serial, nondisk device (RMSIFL)	RMS-11 Utilities 3-1, 3-12
Service routine	Writing I/O Driver 1-2
See also Executive Services	
SST	Executive 2-5
summaries of Executive	Writing I/O Driver 3-5 to 3-6, 7-5 to 7-40

MASTER INDEX

SET	
/PLCTL	
establishing	
pool limits	System Management 13-2, 13-12 to 13-13
task priority	System Management 13-13
parameter defaults	System Management 13-13
SET ACCOUNTING	
Resource Accounting	System Management 17-4
Set Accounting Transaction Block	System Management 17-28
Set Affinity directive	Executive 5-193
SET and SHOW parameter	EDT Editor 9-1
SET command	Introduction 1-18
	MCR Operations 3-170
	MCR Operations 3-171
	System Management 15-24
	System Management 15-24
	System Management 15-25
command line format	
CON	
command line format	
example	
option	
ALARM	System Management 15-24
CSR	System Management 15-24
TIMER	System Management 15-24
VEC	System Management 15-24
description	EDT Editor 1-9, 9-2
error message	MCR Operations 3-217
format	Batch and Queue 3-11
function	EDT Editor 9-1
I/O Queue Optimization	System Management 16-2
keyword	
/ABAUD	MCR Operations 3-174
/BRO	MCR Operations 3-175
/BUF	MCR Operations 3-176
/CLI	MCR Operations 3-177
/COLOG	MCR Operations 3-177
/CRT	MCR Operations 3-177
/DCL	MCR Operations 3-178
/EBC	MCR Operations 3-179
/ECHO	MCR Operations 3-180
/ESCSEQ	MCR Operations 3-181
/FDX	MCR Operations 3-182
/FORMFEED	MCR Operations 3-183
/HFILL	MCR Operations 3-184
/HHT	MCR Operations 3-184
/HOLD	MCR Operations 3-185
/LIBUIC	MCR Operations 3-186
/LINES	MCR Operations 3-187
/LOGON	MCR Operations 3-187
/LOWER	MCR Operations 3-187
/MAIN	MCR Operations 3-188
/MAXEXT	MCR Operations 3-190
/MAXPKT	MCR Operations 3-191
/MCR	MCR Operations 3-192
/NETUIC	MCR Operations 3-192
/OPT	MCR Operations 3-193
/OVLP	MCR Operations 3-194
/PAR	MCR Operations 3-195
/PLCTL	MCR Operations 3-197
/POOL	MCR Operations 3-198
/PRIV	MCR Operations 3-198
/PUB	MCR Operations 3-199
/REMOTE	MCR Operations 3-200
/RNDC	MCR Operations 3-201
/RNDH	MCR Operations 3-202
/RNDL	MCR Operations 3-202
/RPA	MCR Operations 3-203
/SECPOL	MCR Operations 3-204

MASTER INDEX

SET command	
keyword (Cont.)	
/SERIAL	MCR Operations 3-204
/SLAVE	MCR Operations 3-205
/SPEED	MCR Operations 3-206
/SWPC	MCR Operations 3-207
/SWPR	MCR Operations 3-208
/SYSUIC	MCR Operations 3-208
/TERM	MCR Operations 3-209
/TOP	MCR Operations 3-210
/TYPEAHEAD	MCR Operations 3-212
/UIC	MCR Operations 3-213
/VFILL	MCR Operations 3-214
/WCHK	MCR Operations 3-215
/WRAP	MCR Operations 3-216
list of	EDT Editor 9-1 to 9-2
option	
nonprivileged	MCR Operations 3-170
privileged	MCR Operations 3-170
RMSDES utility	RMS-11 Utilities 2-13, 2-17, 2-20, 2-33
allocation	RMS-11 Utilities 2-10
defining areas by default	RMS-11 Utilities 2-17, 2-43
defining areas explicitly	RMS-11 Utilities 2-43
INDEX AREA attribute	RMS-11 Utilities 2-41
LEVEL1 INDEX AREA attribute	RMS-11 Utilities 2-41
PROTECTION attribute	RMS-11 Utilities 2-33
with GET	RMS-11 Utilities 2-25
SET CASE	EDT Editor 9-2
SET CURSOR	EDT Editor 9-3
SET ENTITY	EDT Editor 9-4
SET KEYPAD	EDT Editor 2-44, 9-5
SET LINES number	EDT Editor 9-5
SET MODE	EDT Editor 9-5
SET MODE CHANGE	EDT Editor 9-5
SET MODE LINE	EDT Editor 9-5
SET NOKEYPAD	EDT Editor 2-36, 7-2, 8-1, 9-5
SET NONUMBERS	EDT Editor 9-6
SET NOQUIET	EDT Editor 9-6
SET NOTAB	EDT Editor 9-8
SET NOTRUNCATE	EDT Editor 9-12
SET NOVERIFY	EDT Editor 9-13
SET NOWRAP	EDT Editor 9-14
SET NUMBERS	EDT Editor 9-6
SET QUIET	EDT Editor 9-6
SET SCREEN width	EDT Editor 9-6
SET SEARCH	EDT Editor 9-7
SET SEARCH BOUNDED	EDT Editor 9-7
SET SEARCH END	EDT Editor 9-7
SET SEARCH EXACT	EDT Editor 9-7
SET SEARCH UNBOUNDED	EDT Editor 9-7
SET TAB	EDT Editor 9-8
SET TERMINAL	EDT Editor 9-12
SET TRUNCATE	EDT Editor 9-12
SET VERIFY	EDT Editor 9-13
SET WRAP	EDT Editor 5-50, 9-14
Shadow Recording	System Management 18-10
VMR	System Management 10-43
command line format	System Management 10-44
example	System Management 10-66
keyword	
/ABAUD	System Management 10-46
/AFF	System Management 10-46
/BOT	System Management 10-47
/BRO	System Management 10-48
/BUF	System Management 10-48
/CRT	System Management 10-48

MASTER INDEX

SET command

VMR

keyword (Cont.)

/EBC
 /ECHO
 /ESCSEQ
 /FDX
 /FORMFEED
 /HFILL
 /HHT
 /LIBUIC
 /LINES
 /LOGON
 /LOWER
 /MAXEXT
 /NETUIC
 /OPT
 /PAR
 /PLCTL
 /POOL
 /POOLSIZE
 /PRIV
 /PUB
 /REMOTE
 /RNDC
 /RNDH
 /RNDL
 /RPA
 /SECPOL
 /SLAVE
 /SPEED
 /SWPC
 /SWPR
 /SYSUIC
 /TERM
 /TOP
 /TYPEAHEAD
 /UIC
 /VFILL
 /WCHK
 /WRAP

System Management 10-48
 System Management 10-49
 System Management 10-49
 System Management 10-49
 System Management 10-50
 System Management 10-50
 System Management 10-50
 System Management 10-50
 System Management 10-51
 System Management 10-51
 System Management 10-51
 System Management 10-53
 System Management 10-53
 System Management 10-53
 System Management 10-54
 System Management 10-55
 System Management 10-56
 System Management 10-57
 System Management 10-57
 System Management 10-57
 System Management 10-57
 System Management 10-58
 System Management 10-58
 System Management 10-58
 System Management 10-58
 System Management 10-59
 System Management 10-59
 System Management 10-59
 System Management 10-61
 System Management 10-61
 System Management 10-61
 System Management 10-62
 System Management 10-63
 System Management 10-64
 System Management 10-64
 System Management 10-64
 System Management 10-65
 System Management 10-65

Set Command Line Interpreter directive

SET DAYTIME command
 SET DEBUG command

Executive 5-148
 Command Language 2-1, 8-1, 9-31
 Introduction 1-5, 4-2
 Command Language 1-2, 1-12 to 1-13, 2-7
 Command Language 2-4, 4-77 to 4-78, 5-72 to 5-73, 9-31
 Command Language 5-9, 5-74 to 5-76, 9-31
 Executive 5-159
 Command Language 6-91 to 6-92, 9-32

SET DEFAULT command

SET DEVICE command

Set Event Flag directive
 SET GROUPFLAGS command

/SET keyword

SWR command

SET LIBRARY/DIRECTORY command

\$SET macro

SET NODEBUG command

SET NOPARTITION command

SET parameter

SHOW parameter

SET PARTITION command

MCR Operations 3-221
 Command Language 2-7, 8-4, 9-32
 RMS-11 Macros 2-11
 Command Language 1-2, 1-12 to 1-13, 2-7
 Command Language 7-38 to 7-43, 9-32
 EDT Editor 9-1
 Command Language 7-38 to 7-43, 9-32

MASTER INDEX

SET PRIORITY command	Command Language 7-59 to 7-60, 9-33
SET PROTECTION command	Introduction 5-6 Command Language 2-6, 4-79 to 4-82, 9-33
SET QUEUE command	Batch and Queue 2-21
example	Batch and Queue 2-19
file format	Batch and Queue 2-19
qualifiers	Command Language 9-33
job format	Command Language 9-34
qualifiers	Error Logging 5-31
SET QUEUE/ENTRY command	Command Language 8-3 to 8-4, 9-34
SET QUEUE/JOB command	Executive 5-195
SET statement	Command Language 2-6
SET SYSTEM command	Introduction 1-16, 1-18
Set System Time directive	Command Language 2-2 to 2-3, 3-33 to 3-42, 9-35
SET SYSTEM/DIRECTORY command	Command Language 3-14, 3-19
SET TERMINAL command	Command Language 2-1, 8-1, 9-31
SET TERMINAL/HOLD_SCREEN command	MCR Operations 4-49
SET TIME command	MCR Operations 4-50
.SETD directive	MCR Operations 4-49
example	MCR Operations 4-48
format	MCR Operations 4-48
.SETF directive	MCR Operations 4-48
example	Executive 5-159
format	RMS-11 Macros 2-18
SETF\$	MCR Operations 4-48
\$SETGSA macro	MCR Operations 4-48
.SETL directive	MCR Operations 4-48
example	MCR Operations 4-49
format	MCR Operations 4-49
.SETN directive	MCR Operations 4-49
example	MCR Operations 4-49
format	MCR Operations 4-49
.SETO directive	MCR Operations 4-50
example	MCR Operations 4-49
format	MCR Operations 4-50
.SETS directive	MCR Operations 4-50
example	MCR Operations 4-50
format	MCR Operations 4-50
.SETT directive	MCR Operations 4-48
example	MCR Operations 4-48
format	MCR Operations 4-48
Setting attributes (RMSDES)	
See Attribute	
Setting control characteristics	
SET and SHOW	EDT Editor 9-1
Setting tab	EDT Editor 5-53
keypad editing	EDT Editor 8-21
nokeypad editing	
/SF switch	Utilities 11-8
DMP utility	
/SFILE keyword	MCR Operations 3-163
SAVE command	Executive 5-160
SFPA\$	Task Builder 10-36
/SG switch	
\$\$SGD0	Task Builder 5-53
PSECT	Task Builder E-4
reserved PSECT name	
\$\$SGD1	Task Builder E-4
reserved PSECT name	
\$\$SGD2	Task Builder 5-53
PSECT	Task Builder E-4
reserved PSECT name	

MASTER INDEX

/SH switch

Shadow recording

catchup

commands

ABORT

CONTINUE

DISPLAY

START

STOP

messages

preparing for

restarting after errors on disk

shadowed pair

SYSGEN question

UMB control block

Shadowed pair

/SHARE keyword

MOUNT command

Shareable common

Shareable device

Shareable library

Shareable task

Shareable volume

Shared access

See also Access sharing

See also SHR field in FAB

access declarations

read-only

read/write

and high-level languages

application design

consideration

bucket locking

deferred write

to relative files

multiple access streams

programming considerations

sharing declarations

no sharing

read-only

read/write

user-provided interlocks

system protection codes

to indexed files

block access

record access

to relative files

block access

record access

to sequential files

record structured

with undefined records

Shared device

Shared file access

OPEN\$R

OPNS\$A

OPNS\$R

OPNS\$U

OPNS\$W

Permitted second access

Shared region

See also Region

Sharing

See Shared access

Error Logging 2-4, 2-10 to 2-11

Task Builder 10-37

System Management 18-1

System Management 18-4

System Management 18-7

System Management 18-8

System Management 18-9

System Management 18-5

System Management 18-6

System Management 18-11

System Management 18-2

System Management 18-11

System Management 18-1

System Generation 3-25

System Management 18-9

System Management 18-1

MCR Operations 3-127

Command Language 6-73

Command Language 5-9, 5-13

Command Language 6-73

Command Language 6-73

Command Language 5-31, 5-38

RMS-11 Introduction 2-4

RMS-11 User's Guide 1-17

RMS-11 User's Guide 2-6

RMS-11 User's Guide 2-6

RMS-11 User's Guide 2-6

RMS-11 User's Guide 2-7

RMS-11 User's Guide 2-5

RMS-11 User's Guide 2-8

RMS-11 User's Guide 4-14

RMS-11 User's Guide 2-9 to 2-10

RMS-11 User's Guide 2-10

RMS-11 User's Guide 2-7

RMS-11 User's Guide 2-7

RMS-11 User's Guide 2-7

RMS-11 User's Guide 2-7

RMS-11 User's Guide 2-7

RMS-11 User's Guide 2-5

RMS-11 User's Guide 7-1

RMS-11 User's Guide 7-1

RMS-11 User's Guide 7-1

RMS-11 User's Guide 4-6

RMS-11 User's Guide 4-6

RMS-11 User's Guide 4-6

RMS-11 User's Guide 3-5

RMS-11 User's Guide 3-6

RMS-11 User's Guide 3-6

Command Language 5-13

I/O Operations 1-9

I/O Operations 1-9

I/O Operations 1-9

I/O Operations 1-9

I/O Operations 1-9

I/O Operations 1-9

Task Builder 5-1

MASTER INDEX

Sharing code or data
Sharing declaration
 indexed files
 no sharing
 read-only
 read/write
 relative files
 sequential files
 user-provided interlocks
SHDDF\$

SHF

 algorithms
 first pass
 second pass
 conventions
 installation of
 monitoring with RMD
 overhead
 performance
 removal of
 shuffling
 dynamic common regions
 fixed tasks
 partition sections
 static common regions
 size

\$SHFCT

 changing contents

\$SHFTM

SHIFT key

SHL command

Short forms

 DCL

Shortening

 command

SHOW ACCOUNTING command

SHOW ACCOUNTING commands

SHOW ACCOUNTING/-

 TRANSACTION_FILE

 Resource Accounting

SHOW ACCOUNTING/DATATRIEVE

 Resource Accounting

SHOW ACCOUNTING/INFORMATION

 Resource Accounting

SHOW ACCOUNTING/INFORMATION

 command

SHOW ALL command

 RMSDES utility

 defining areas by default

 defining areas explicitly

SHOW ASSIGNMENTS command

SHOW CLOCK_QUEUE command

SHOW command

 description

 function of

 list of

 RMSDES utility

 allocation

 PROTECTION attribute

 SHOW ALL

 setting attributes

 with GET

SHOW BUFFER

SHOW CASE

PDP-11 MACRO-11 6-45

RMS-11 User's Guide 2-7

RMS-11 User's Guide 7-1

RMS-11 User's Guide 2-7

RMS-11 User's Guide 2-7

RMS-11 User's Guide 2-7

RMS-11 User's Guide 4-6

RMS-11 User's Guide 3-6

RMS-11 User's Guide 2-7

Crash Dump Analyzer C-59

Writing I/O Driver A-58 to A-59

System Management 14-5

System Management 14-6

System Management 14-1

System Management 14-4

System Management 14-4

System Management 14-4

System Management 14-4

System Management 14-5

System Management 14-5

System Management 14-5

System Management 14-5

System Management 14-5

System Management 14-4

System Management 14-4

System Management 14-4

Introduction 1-9

Command Language 3-14

EDT Editor 8-18

Command Language 1-7 to 1-8, 9-1

Introduction 1-12, 2-4

Command Language 3-9

System Management 17-3

System Management 17-4

System Management 17-4

System Management 17-4

Command Language 9-36

RMS-11 Utilities 2-17

RMS-11 Utilities 2-43

Command Language 2-4, 5-72 to
5-73, 9-36

Command Language 7-60, 9-37

Introduction 1-11

EDT Editor 1-9, 9-15

EDT Editor 9-1

EDT Editor 9-1 to 9-2

RMS-11 Utilities 2-15, 2-18, 2-26

RMS-11 Utilities 2-10

RMS-11 Utilities 2-33

RMS-11 Utilities 2-4

RMS-11 Utilities 2-21

RMS-11 Utilities 2-25

EDT Editor 2-34, 6-5, 7-2, 9-15

EDT Editor 9-15

MASTER INDEX

SHOW command (Cont.)

SHOW CURSOR
 SHOW ENTITY
 SHOW KEY
 SHOW SCREEN
 SHOW SEARCH
 SHOW TERMINAL
 SHOW VERSION
 SHOW COMMON command
 SHOW DAYTIME command

 SHOW DEFAULT command

 SHOW DEVICES command

 Show devices switch
 SHOW GROUPFLAGS command
 SHOW ID command
 RMSDES utility
 /SHOW keyword
 CLI command
 SHOW LIBRARY command
 SHOW LIBRARY/DIRECTORY command
 SHOW MEMORY command

 SHOW parameter
 SET parameter
 SHOW PARTITIONS command

 SHOW PROCESSOR command
 format
 /SHOW qualifier
 SHOW QUEUE command

 batch queue
 display
 format
 print queue
 qualifiers
 SHOW QUEUE display
 SHOW QUEUE/FULL command
 /Show switch
 Show switch
 SHOW SYSTEM command
 SHOW SYSTEM/DIRECTORY command
 SHOW TASK command
 SHOW TASK/LOGICAL_UNITS command
 SHOW TASK:taskname/DYNAMIC
 command

 SHOW TASKS
 SHOW TASKS command

 SHOW TASKS/ACTIVE command

 SHOW TASKS/ACTIVE/DYNAMIC command

 SHOW TASKS/INSTALLED command

 SHOW TERMINAL command

EDT Editor 9-16
 EDT Editor 9-16
 EDT Editor 9-16
 EDT Editor 9-17
 EDT Editor 9-17
 EDT Editor 9-17
 EDT Editor 9-17
 Command Language 7-61, 9-37
 Command Language 2-1 to 2-2, 8-2,
 9-37
 Introduction 1-15
 Command Language 2-4, 3-2, 4-79,
 9-37
 Introduction 3-8, 5-10
 Command Language 2-3, 5-4, 5-77
 to 5-80, 9-37
 Crash Dump Analyzer 2-3
 Command Language 6-92, 9-38

 RMS-11 Utilities 2-16

 MCR Operations 3-40
 Command Language 8-7
 Command Language 2-7, 9-38
 Introduction 5-8 to 5-9
 Command Language 2-2, 8-9 to 8-13,
 9-38

 EDT Editor 9-1
 Command Language 7-43 to 7-45,
 9-38
 Command Language 2-4, 9-39
 Batch and Queue 2-18
 PDP-11 MACRO-11 8-11
 Introduction 6-2
 Batch and Queue 2-14
 Command Language 2-3 to 2-4, 9-39
 Batch and Queue 1-9
 Batch and Queue 2-16 to 2-17
 Batch and Queue 2-15
 Batch and Queue 1-9
 Batch and Queue 2-15
 Batch and Queue 1-10
 Command Language 2-4
 Error Logging 2-10 to 2-11
 Error Logging 2-4
 Command Language 8-5 to 8-7, 9-40
 Command Language 2-7
 Command Language 9-40
 Command Language 7-57 to 7-58

 Command Language 7-53 to 7-54,
 9-40
 Command Language 7-45
 Introduction 1-20, 4-13
 Command Language 2-5
 Command Language 2-5, 3-2, 7-46
 to 7-50, 9-40
 Command Language 7-55 to 7-57,
 9-40
 Command Language 2-5, 7-51 to
 7-53, 9-40
 Introduction 1-18
 Command Language 2-2 to 2-3, 3-43
 to 3-54, 9-41 to 9-42

MASTER INDEX

SHOW TIME command	Introduction 1-11
	Command Language 2-1 to 2-2, 8-2, 9-37
SHOW USERS command	Introduction 1-19
	Command Language 2-5, 8-7 to 8-8, 9-42
SHR command	EDT Editor 8-18
SHR field in FAB	
CREATE operation	RMS-11 Macros 5-14
offset	RMS-11 Macros 6-22
OPEN operation	RMS-11 Macros 5-75
READ operation	RMS-11 Macros 5-99, 5-101
summary	RMS-11 Macros 6-63
WRITE operation	RMS-11 Macros 5-127, 5-129
Shuffler	
See SHF	
SHUTUP	
checkpointing	
read/write commons	System Management 8-6
completion notification	System Management 8-3
deallocating	
checkpoint space	System Management 8-6
dismounting	
devices	System Management 8-6
halting	
processor	System Management 8-6
invoking	System Management 8-1
logging off	
logged-in terminals	System Management 8-6
logins	
disabling	System Management 8-2 to 8-3
enabling	System Management 8-3
prerequisites	System Management 8-1
redirecting	
console terminal	System Management 8-6
shutdown	
RSX-11M-PLUS system	System Management 8-6 to 8-8
SHUTUP.CMD	System Management 8-1, 8-3
submitting to Indirect	System Management 8-3, 8-6
stopping	
Console Logger	System Management 8-6
ERRLOG	System Management 8-6
Queue Manager	System Management 8-6
Resource Accounting	System Management 8-6
task-build file	System Management 8-3
terminating	System Management 8-2
warning message	System Management 8-2
SHUTUP.CMD	
example	System Management 8-4
installing	
tasks	System Management 8-1, 8-3
overview	System Management 8-3
relationship to SHUTUP task	System Management 8-3
submitting to Indirect	System Management 8-3, 8-6
timeout interval	System Management 8-3
SIDR	RMS-11 User's Guide 5-5, 7-9
changeable keys	RMS-11 User's Guide 6-10
duplicate keys	RMS-11 User's Guide 6-8 to 6-9
SIGNAL statement	Error Logging 5-40 to 5-41
SIGNAL STOP statement	Error Logging 5-41
Signalling	
definition	Error Logging 5-40
Significant event	Introduction 5-8, Gloss-30
list of	Executive 2-1, 5-52
Simulating a system failure	Executive 2-1, 5-222
Single ASCII character indicator	EDT Editor 3-2
	PDP-11 MACRO-11 3-3

MASTER INDEX

Single buffering
 versus multiple buffering
Single line range
Single segment task
Single-directory device
 See FB\$SDI mask in DEV field
Single-precision routine
 See Integer routine
SIZ field in KEY block
 CREATE operation
 DISPLAY operation
 offset
 OPEN operation
 summary
SIZ0 field in KEY block
 offset
SIZ1 field in KEY block
 offset
SIZ2 field in KEY block
 offset
SIZ3 field in KEY block
 offset
SIZ4 field in KEY block
 offset
SIZ5 field in KEY block
 offset
SIZ6 field in KEY block
 offset
SIZ7 field in KEY block
 offset
SIZE
 RMSDES utility
SIZE command
 EDI editor
/SIZE keyword
 LOAD command
 VMR
Skeleton
 source file
 MACRO-11
Skipping
 output
/SL switch

 CMP utility
 RMSBCK utility
 RMSCNV utility
 RMSRST utility
Slash (/)
 DCL qualifier
 double (//)
 EDI editor
 MCR qualifier
 ODT
 single (/)
Slash operator (/)
/SLAVE keyword
 SET command
 VMR
Slave terminal

SLIPR
 See SLP utility
Slow Task Builder
 to improve overhead

I/O Operations 1-7
EDT Editor 6-7 to 6-8
Task Builder 3-8

RMS-11 Macros 5-18
RMS-11 Macros 5-31
RMS-11 Macros 6-68
RMS-11 Macros 5-80
RMS-11 Macros 6-92

RMS-11 Macros 6-68

RMS-11 Macros 6-68

RMS-11 Macros 6-68

RMS-11 Macros 6-68

RMS-11 Macros 6-68

RMS-11 Macros 6-68

RMS-11 Macros 6-68

RMS-11 Macros 6-68

RMS-11 Utilities 2-36

Utilities 2-46

MCR Operations 3-109
System Management 10-27

Program Development 2-4

Introduction 1-16 to 1-17
Error Logging 2-4, 2-7
Task Builder 10-44
Utilities 12-3
RMS-11 Utilities 6-6, 6-10
RMS-11 Utilities 4-12
RMS-11 Utilities 7-6, 7-12
Command Language 3-17
EDT Editor 4-3
Task Builder 1-6
Program Development 2-16
EDT Editor 4-5
Program Development 5-4
Task Builder 1-5 to 1-6
ODT 2-7, 4-2 to 4-3

MCR Operations 3-205
System Management 10-59
Introduction 5-2, Gloss-30
Command Language 3-41

Command Language 6-81
Task Builder F-11

MASTER INDEX

SLP utility	Introduction 2-3
	Command Language 4-17 to 4-19, 9-15
audit trail	Utilities 13-16
changing value	Utilities 13-17
deleting	Utilities 13-19
setting	
length	Utilities 13-17
position	Utilities 13-17
suppressing	Utilities 13-18
checksum	Utilities 13-3
edit command line	Utilities 13-5
edit commands	Utilities 13-5
error message	Utilities 13-20
file	
input	Utilities 13-2
listing	Utilities 13-3
output	Utilities 13-3
processing	Utilities 13-4
source	
creating	Utilities 13-14
updating	Utilities 13-9
indirect command file	Utilities 13-8
initiating (invoking)	Utilities 13-1
operator	Utilities 13-9
switch	Utilities 13-14
/SLV keyword	
INSTALL command	MCR Operations 3-99
VMR	System Management 10-24
RUN command	MCR Operations 3-157
\$\$SLVC	
reserved PSECT name	Task Builder E-4
SMRYEP	Error Logging 4-7
SMRYGP	Error Logging 4-7
SMRYHP	Error Logging 4-7
SMSG\$	Error Logging 1-4
	Executive 5-162
SN command	EDT Editor 8-19
\$\$SNAP	Program Development 1-7 to 1-8, 5-9 to 5-10
	Program Development 5-9 to 5-10
subset of Postmortem Dump Task	Task Builder D-6
SNAP\$ macro	Task Builder D-8
format of	Task Builder D-5 to D-6
Snapshot dump	
See also \$\$SNAP	
example of	Task Builder D-10 to D-12
format of macro for creating	Task Builder D-7
/SNGL subkeyword	
CLI command	MCR Operations 3-40
SNPBK\$ macro	Task Builder D-6
format of	Task Builder D-7
SNPDF\$ macro	Task Builder D-6
SNXC\$	Executive 5-165
Soft error	
definition	Error Logging 1-3
Soft error limit switch	Error Logging 2-4, 2-7
Software	Introduction Gloss-30
Software bootstrap	
definition	System Generation 1-11
Software Performance Report	Release Notes 1-41
RMS-11 requirements	Release Notes 2-24
Son of Stopgap	
See SOS editor	
SORT command	Command Language 4-63 to 4-69, 9-42

MASTER INDEX

Sort option	System Management 2-8
ACNT	
Sort routine error code	RMS-11 Utilities D-1
RMSIFL utility	RMS-11 Utilities 3-1, 3-10, 3-12
Sort work files (RMSIFL)	
allocating space	RMS-11 Utilities 3-13
primary key sort	RMS-11 Utilities 3-7
device allocation	Command Language 4-63 to 4-69,
SORT-11	9-42
Sorting (RMSIFL)	
alternate key	RMS-11 Utilities 3-11 to 3-13
alternate key files	RMS-11 Utilities 3-7
bypassing primary key sort	RMS-11 Utilities 3-8 to 3-9
input file organization	RMS-11 Utilities 3-9
primary key	RMS-11 Utilities 3-9
work files	RMS-11 Utilities 3-7, 3-13
SOS editor	Command Language 4-20 to 4-22,
	9-16
SOURCE	
RMSDES utility	RMS-11 Utilities 2-30
SOURCE argument	PDP-11 MACRO-11 8-11
Source file	Introduction 2-1, 4-3, 4-5,
	Gloss-30
See also Source language	
See also SLP utility	
applying correction to	Release Notes 1-43
CON and HRC	Release Notes 1-49
DCL module	Release Notes 1-46
Executive module	Release Notes 1-44
FllACP	Release Notes 1-48
FCS module	Release Notes 1-50
MCR module	Release Notes 1-45
case control in	PDP-11 MACRO-11 6-19
FORTRAN IV	
adding debugging statements	Program Development 7-7
blank line	Program Development 7-3
comment line	Program Development 7-3
creating	Program Development 7-2 to 7-3
editing	Program Development 7-4 to 7-5,
	7-7, 7-9
MACRO-11	
assembling	Program Development 3-1 to 3-2
creating from a skeleton	Program Development 2-12
editing	Program Development 2-13 to 2-18
error	Program Development 3-2 to 3-4
format	Program Development 2-1 to 2-3
skeleton	Program Development 2-4
inserting lines	Program Development 2-18
listing	Program Development 3-4 to 3-6
macro library call	Program Development 6-3 to 6-4
preface	Program Development 2-1
terminating input in	PDP-11 MACRO-11 6-39
Source language	Introduction 4-4, Gloss-30
	Command Language 6-2
See also Source file	
Source Language Input Program	
See SLP utility	
Source line format	PDP-11 MACRO-11 2-5
/-SP	Crash Dump Analyzer 2-6
SP command	
EDI editor	Utilities 2-45
/SP switch	PDP-11 MACRO-11 8-7
	Task Builder 10-45
CMP utility	Utilities 12-3
DMP utility	Utilities 11-8

MASTER INDEX

/SP switch (Cont.)	Utilities 4-8
FLX utility	Utilities 10-29
LBR utility	Utilities 3-38
PIP utility	Utilities 13-15
SLP utility	
SP:	Command Language 5-6
pseudo device	
Space	
application design	RMS-11 User's Guide 2-4, 8-1
consideration	
checkpoint	MCR Operations 3-8
allocating	RMS-11 User's Guide 2-5
data storage	RMS-11 User's Guide 2-5
I/O buffer size	RMS-11 User's Guide 2-5
task size	RMS-11 Macros 5-120
\$SPACE macro	RMS-11 Macros D-4
RSTS/E	RMS-11 Introduction 4-7
SPACE operation	RMS-11 Macros 4-14
access modes	RMS-11 Introduction 4-7
\$SPACE macro	RMS-11 Macros 5-120
<SPACE> symbol	MCR Operations 4-11
Spanning blocks	RMS-11 Introduction 4-2
	RMS-11 User's Guide 1-16, 1-19, 3-1
variable-length records	RMS-11 User's Guide 2-16
Spawn directive	Executive 5-172
Spawning	Executive 4-1
a CLI	Executive 4-5
a utility	Executive 4-5
system tasks	Executive 4-5
SPEAS	Executive 5-167
Special character	PDP-11 MACRO-11 3-1 to 3-3
as delimiter	EDT Editor 2-30
assembler	
summary	PDP-11 MACRO-11 B-1
entering	I/O Operations 7-9
nokeypad substitution	EDT Editor 8-16
Special symbol	MCR Operations 4-8
format	MCR Operations 4-8
logical	MCR Operations 4-8
numeric	MCR Operations 4-10
string	MCR Operations 4-12
type	MCR Operations 4-8
Specify Command Arrival AST	
directive	Executive 5-145
Specify Floating Point Processor	
Exception AST directive	Executive 5-160
Specify Parity Error AST	
directive	Executive 5-167
Specify Power Recovery AST	
directive	Executive 5-170
Specify Receive Data AST	
directive	Executive 5-182
Specify Receive-By-Reference AST	
directive	Executive 5-191
Specify Requested Exit AST	
directive	Executive 5-184
Specify SST Vector Table For	
Debugging Aid directive	Executive 5-202
Specify SST Vector Table For Task	
directive	Executive 5-204
SPECINS function	EDT Editor 5-48
Speed	
application design	
consideration	RMS-11 User's Guide 2-3, 8-1

MASTER INDEX

Speed detection
 auto-baud
 /SPEED keyword
 SET command
 VMR
 SPND\$\$
 Spool
 card reader input spooling
 definition
 spooling output
 Spooled device
 definition
 line printer
 output
 redirecting
 Spooling
 file
 PIP utility
 library file
 LBR utility
 transparent
 SPR
 See Software Performance Report
 SPRA\$
 SPWN\$
 SPWN\$ directive
 IOX
 in EXECUTE command
 SPY command
 IOX
 /SQ switch
 SLP utility
 /SR switch
 PIP utility
 SRC symbolic argument
 SRDA\$
 SREA\$
 SREF\$
 SREX\$
 SRRA\$
 SS command
 EDI editor
 /SS switch
 LBR utility
 symbol definition file
 reducing overhead
 SSM command
 command line format
 example
 SST
 definition
 ODT
 relation to Postmortem Dump
 role in task termination
 service routine
 specifying vector table
 task's stack content
 trap vector table format
 SST stack content
 register
 SST vector
 handling
 register

I/O Drivers 2-42
 MCR Operations 3-206
 System Management 10-59
 Executive 5-169
 Batch and Queue 3-23
 Batch and Queue Gloss-8
 Batch and Queue 2-1
 Batch and Queue 1-3, 2-1
 Batch and Queue Gloss-8
 Batch and Queue 1-3
 Batch and Queue 1-3
 Executive 5-83
 I/O Operations 8-1
 Utilities 3-38
 Utilities 10-29
 System Management 7-1
 Writing I/O Driver 1-20
 Executive 5-170
 Executive 5-172
 System Management 4-36
 System Management 4-58
 Task Builder 10-46
 Utilities 13-16
 Utilities 3-39
 PDP-11 MACRO-11 6-11
 Executive 5-182
 Executive 5-184
 Executive 5-188
 Executive 5-184
 Executive 5-191
 Utilities 2-46
 Utilities 10-29
 Task Builder F-4
 Error Logging 1-3
 MCR Operations 3-220
 MCR Operations 3-220
 MCR Operations 3-220
 Crash Dump Analyzer 4-2
 Executive 2-5
 I/O Drivers 1-12
 Executive 2-4
 Program Development 5-8
 Program Development 1-7
 Program Development 4-8 to 4-9
 Executive 2-5
 Executive 5-204
 Executive 2-6
 Executive 2-5
 ODT 2-7, 5-4
 ODT 2-11
 ODT 2-7, 5-5

MASTER INDEX

SST vector address declaring	Task Builder 11-27
Stack declaring size	Task Builder 11-34
supervisor-mode	Task Builder 8-20
Stack and register dump	
Executive	Writing I/O Driver 6-11
Stack depth indicator	Writing I/O Driver 6-8
STACK option	Task Builder 11-34
Stack pointer	
kernel	Crash Dump Analyzer 3-2
user	Crash Dump Analyzer 3-2
Stack pointer definition	PDP-11 MACRO-11 3-10
Stack structure	Writing I/O Driver 6-12
internal SST fault	Writing I/O Driver 6-10 to 6-11
STAF\$	Executive 5-193
Stand-alone system	
definition	System Generation 1-10
Standard ODL file	RMS-11 User's Guide 8-3, 8-5
and file organization	RMS-11 User's Guide 8-5
DAP11X	RMS-11 User's Guide 8-6
RMS11S	RMS-11 User's Guide 8-5
RMS11X	RMS-11 User's Guide 8-5
RMS12X	RMS-11 User's Guide 8-6
START command	Command Language 7-25, 9-43
DCL	System Management 7-26 to 7-27
IOX	System Management 4-59
Shadow Recording	System Management 18-5
Start-up procedure	
content	System Generation 4-4
description	System Generation 4-4
for pregenerated kit	System Generation 5-20
STARTUP.CMD	System Generation 4-4
system	System Generation 4-4
START/ACCOUNTING	
Resource Accounting	System Management 17-4
START/PROCESSOR command	Command Language 9-43
DCL	System Management 7-27 to 7-31
START/QUEUE command	Command Language 9-44
DCL	System Management 7-26 to 7-27
START/QUEUE/MANAGER command	Command Language 9-44
DCL	System Management 7-3, 7-26 to 7-27
START/UNBLOCK command	Command Language 7-25 to 7-26, 9-44
Starting	
an EDT editing session	EDT Editor 2-1, 4-1
keypad editing	EDT Editor 2-5, 5-1
line editing	EDT Editor 2-20, 6-1, 7-1
nokeypad editing	EDT Editor 2-36, 8-1
Startup command file	
creating	EDT Editor 4-9
definition	EDT Editor 1-5
EDTINI.EDT	EDT Editor 1-5, 4-9
specify mode	EDT Editor 9-5
use of	EDT Editor 4-1
State table	I/O Operations 7-2, 7-8
initializing	I/O Operations 7-2
Statement	
MACRO-11	Program Development 1-4
format	Program Development 2-3
Statement format	PDP-11 MACRO-11 2-1
Static common region	Executive 5-16
checkpointing	System Management 14-3
resident common	System Management 14-2
resident libraries	System Management 14-2
shuffling	System Management 14-5

MASTER INDEX

- Static structure
- Statistics
 - system
 - display in RMD
- Statistics block
 - format
- Statistics scan
 - Resource Accounting
- Status
 - device
 - emitting
 - displaying
 - during IOX exercising
 - emitting
- Status block
 - I/O
- Status code
 - ERROR
 - definition
 - I/O
 - SEVERERROR
 - definition
 - SUCCESS
 - definiton
 - WARNING
 - definition
- Status Control Block
 - See SCB
- Status flag
 - device
 - displaying
 - list
 - task
- Status return
 - A/D converter
 - card reader
 - cassette
 - DEctape
 - disk
 - DT07
 - graphic display driver
 - ICS/ICR
 - laboratory peripheral system
 - line printer
 - magnetic tape
 - message-oriented communication
 - paper tape
 - PCL receiver
 - PCL transmitter
 - terminal
 - TU58
 - UDC
- /STB
 - .STB file
 - absolute region
 - content of a
 - excluding symbol from
 - for region
 - I- and D-space task
 - including symbol in
 - interaction of /CO/LI/PI
 - switches
 - overlaid region
 - global symbols in
 - program sections
 - program sections in
 - Writing I/O Driver 2-1
 - System Management 6-13D
 - I/O Operations 3-11
 - I/O Operations H-1
 - System Management 17-6
 - System Management 15-12
 - System Management 4-58
 - Executive 5-64
 - I/O Drivers 1-35
 - Batch and Queue 3-11
 - Batch and Queue 3-10
 - Batch and Queue Gloss-4
 - I/O Drivers 1-33, B-1
 - Batch and Queue 3-10
 - Batch and Queue Gloss-4
 - Batch and Queue 3-10
 - Batch and Queue Gloss-4
 - Batch and Queue 3-10
 - Batch and Queue Gloss-4
 - System Management 15-9
 - System Management 15-9
 - Command Language 7-48
 - I/O Drivers 14-8 to 14-9
 - I/O Drivers 11-3, 11-7
 - I/O Drivers 9-3 to 9-5
 - I/O Drivers 6-4 to 6-6
 - I/O Drivers 5-8 to 5-11
 - I/O Drivers 23-7
 - I/O Drivers 20-3
 - I/O Drivers 18-13 to 18-14
 - I/O Drivers 16-29 to 16-33
 - I/O Drivers 10-4 to 10-5
 - I/O Drivers 8-10 to 8-12
 - I/O Drivers 12-8 to 12-10
 - I/O Drivers 17-3 to 17-4
 - I/O Drivers 13-11 to 13-12
 - I/O Drivers 13-6 to 13-8
 - I/O Drivers 2-23 to 2-27
 - I/O Drivers 7-4 to 7-5
 - I/O Drivers 15-32 to 15-34
 - Crash Dump Analyzer 2-6
 - Task Builder 5-9
 - Task Builder 5-7, 5-9
 - Task Builder 5-5
 - Task Builder 5-11
 - Task Builder 5-4 to 5-5, 5-14, 5-16
 - Task Builder 7-9
 - Task Builder 5-11
 - Task Builder 5-4
 - Task Builder 5-11 to 5-12
 - Task Builder 5-11
 - Task Builder 5-16
 - Task Builder 5-5

MASTER INDEX

.STB file (Cont.)
 relocatable region
 use of /CO/LI/PI switches
 /STD
 STD

entry
 deleting
 Step command
 STIM\$
 \$STKDP

 Stack Depth Indicator
 STLO\$
 \$STMAP routine
 calling from the driver
 \$STMP1 routine
 calling from the driver
 STOP command
 See also ON and IF commands
 DCL
 format
 Shadow Recording
 .STOP directive
 example
 format
 Stop directive
 Stop For Logical OR Of Event
 Flags directive
 Stop For Single Event Flag
 directive
 STOP statement
 STOP\$\$
 Stop-bit synchronization
 directives
 STOP/ABORT command
 DCL
 STOP/ACCOUNTING
 Resource Accounting
 STOP/BLOCK command

 STOP/PROCESSOR command
 DCL
 STOP/QUEUE command
 DCL
 STOP/QUEUE/MANAGER command
 DCL
 Stopped task
 Stopping
 command
 Storage
 data
 Storage Map File header
 \$STORE macro
 example

 %STR
 Stream
 See also Access stream
 access
 connecting
 See CONNECT operation
 disconnecting
 See DISCONNECT operation

Task Builder 5-9, 5-16
 Task Builder 5-5, 5-9
 Crash Dump Analyzer 2-2
 Introduction 4-9, 5-7, Gloss-17,
 Gloss-30
 Command Language 7-1 to 7-2, 7-26
 to 7-34, 7-51 to 7-53, 9-29
 MCR Operations 2-22, 3-95

MCR Operations 3-149
 ODT 2-10, 3-3
 Executive 5-195
 Crash Dump Analyzer 4-2
 Writing I/O Driver 6-8, 6-11
 Writing I/O Driver 6-7
 Executive 5-198
 Writing I/O Driver 7-37
 Writing I/O Driver 7-3
 Writing I/O Driver 7-38
 Writing I/O Driver 7-3

System Management 7-23
 Batch and Queue 3-8
 System Management 18-6
 MCR Operations 4-51
 MCR Operations 4-51
 MCR Operations 4-51
 Executive 5-200

Executive 5-198

Executive 5-201
 Executive 5-70
 Executive 5-200
 Executive 2-7, 2-11
 Executive 2-12
 Command Language 9-44
 System Management 7-25

System Management 17-4
 Command Language 7-23 to 7-24,
 9-45
 Command Language 9-45
 System Management 7-24 to 7-25
 Command Language 9-45
 System Management 7-23
 Command Language 9-46
 System Management 7-23
 Command Language 7-25

Introduction 1-21

RMS-11 Introduction 2-1
 I/O Operations E-2
 RMS-11 Macros 2-10
 RMS-11 Macros 7-3, 7-7, 7-11,
 7-15
 Error Logging 5-23 to 5-24
 RMS-11 Macros 4-2

RMS-11 Introduction 4-3

MASTER INDEX

- Stream (Cont.)
 - internal identifier
 - See ISI field in RAB
 - unlocking bucket
 - See FREE operation
 - writing buffers
 - See FLUSH operation
- Stream context
 - See NXTVOL operation
 - See also REWIND operation
- Stream operation
 - See also Operation
 - block stream
 - record stream
- Stream operation macro
 - \$CONNECT
 - declaring
 - \$DISCONNECT
 - \$FLUSH
 - \$FREE
 - \$NXTVOL
 - \$REWIND
 - \$WAIT
- Stream record format
 - See also FB\$STM code in RFM
 - field
 - terminators
- String
 - constant
 - delimiter
 - replacing
 - search (keypad)
 - search (line editing)
 - search (nokeypad 'string')
 - substituting
 - keypad editing
 - line editing
 - nokeypad editing
 - symbol
 - defining
 - testing
- String conversion function
- String handling function
- String key
 - See also XB\$STG mask in DTP
 - field
 - segmented
- String search buffer
 - example
- <STRLEN> symbol
- Structure
 - in TKB
 - size of
 - indexed files
 - conceptual
 - physical
 - relative files
 - conceptual
 - physical
 - sequential files
 - conceptual
 - physical
- RMS-11 Introduction 4-4
- RMS-11 User's Guide 1-15
- RMS-11 Macros 4-13
- RMS-11 Macros 4-8
- RMS-11 Macros 5-6
- RMS-11 Macros C-3
- RMS-11 Macros 5-27
- RMS-11 Macros 5-56
- RMS-11 Macros 5-58
- RMS-11 Macros 5-70
- RMS-11 Macros 5-114
- RMS-11 Macros 5-126
- RMS-11 Introduction 3-4
- RMS-11 User's Guide 1-11, 2-16
- RMS-11 Introduction 3-4
- RMS-11 User's Guide 2-16
- Introduction 2-12 to 2-13, 4-10, Gloss-30
- MCR Operations 4-16
- EDT Editor 7-17
- EDT Editor 7-14
- EDT Editor 5-21 to 5-25
- EDT Editor 7-8
- EDT Editor 8-4
- EDT Editor 5-46
- EDT Editor 2-30, 7-16 to 7-19
- EDT Editor 2-42, 8-16
- MCR Operations 4-7, 4-16
- MCR Operations 4-50
- MCR Operations 4-39
- Error Logging 5-19
- Error Logging 5-23 to 5-24
- RMS-11 User's Guide 6-3
- RMS-11 User's Guide 6-7
- EDT Editor 5-23
- MCR Operations 4-11
- Task Builder F-3
- RMS-11 User's Guide 5-4
- RMS-11 User's Guide 5-2
- RMS-11 User's Guide 4-1
- RMS-11 User's Guide 4-1
- RMS-11 User's Guide 4-1
- RMS-11 User's Guide 3-1
- RMS-11 User's Guide 3-2
- RMS-11 User's Guide 3-1

MASTER INDEX

STS field in FAB	RMS-11 Macros 2-14, 3-5
CLOSE operation	RMS-11 Macros 5-4
CREATE operation	RMS-11 Macros 5-21
DISPLAY operation	RMS-11 Macros 5-32
ENTER operation	RMS-11 Macros 5-38
ERASE operation	RMS-11 Macros 5-43
EXTEND operation	RMS-11 Macros 5-47
offset	RMS-11 Macros 6-22
OPEN operation	RMS-11 Macros 5-82
PARSE operation	RMS-11 Macros 5-89
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-112
SEARCH operation	RMS-11 Macros 5-118
summary	RMS-11 Macros 6-64
STS field in RAB	RMS-11 Macros 2-14, 4-2
CONNECT operation	RMS-11 Macros 5-8
DELETE operation	RMS-11 Macros 5-26
DISCONNECT operation	RMS-11 Macros 5-27
FIND operation	RMS-11 Macros 5-50, 5-53, 5-55
FLUSH operation	RMS-11 Macros 5-56
FREE operation	RMS-11 Macros 5-58
GET operation	RMS-11 Macros 5-62, 5-65, 5-68
NXTVOL operation	RMS-11 Macros 5-70
offset	RMS-11 Macros 6-115
PUT operation	RMS-11 Macros 5-93, 5-97
READ operation	RMS-11 Macros 5-99, 5-101
REWIND operation	RMS-11 Macros 5-115
SPACE operation	RMS-11 Macros 5-120
summary	RMS-11 Macros 6-141
TRUNCATE operation	RMS-11 Macros 5-122
UPDATE operation	RMS-11 Macros 5-125
WRITE operation	RMS-11 Macros 5-128, 5-130
STSE\$	Executive 5-201
STV field in FAB	RMS-11 Macros 2-14, 3-5
CLOSE operation	RMS-11 Macros 5-4
CREATE operation	RMS-11 Macros 5-21
DISPLAY operation	RMS-11 Macros 5-32
ENTER operation	RMS-11 Macros 5-38
ERASE operation	RMS-11 Macros 5-43
EXTEND operation	RMS-11 Macros 5-47
offset	RMS-11 Macros 6-22
OPEN operation	RMS-11 Macros 5-82
PARSE operation	RMS-11 Macros 5-89
REMOVE operation	RMS-11 Macros 5-105
RENAME operation	RMS-11 Macros 5-112
SEARCH operation	RMS-11 Macros 5-118
summary	RMS-11 Macros 6-65
STV field in RAB	RMS-11 Macros 2-14, 4-2
CONNECT operation	RMS-11 Macros 5-8
DELETE operation	RMS-11 Macros 5-26
DISCONNECT operation	RMS-11 Macros 5-27
FIND operation	RMS-11 Macros 5-50, 5-53, 5-55
FLUSH operation	RMS-11 Macros 5-56
FREE operation	RMS-11 Macros 5-58
GET operation	RMS-11 Macros 5-62, 5-65, 5-68
NXTVOL operation	RMS-11 Macros 5-70
offset	RMS-11 Macros 6-115
PUT operation	RMS-11 Macros 5-93, 5-97
READ operation	RMS-11 Macros 5-99, 5-101
REWIND operation	RMS-11 Macros 5-115
SPACE operation	RMS-11 Macros 5-120
summary	RMS-11 Macros 6-142
TRUNCATE operation	RMS-11 Macros 5-122
UPDATE operation	RMS-11 Macros 5-125
WRITE operation	RMS-11 Macros 5-128, 5-130
/SU switch	Error Logging 3-6, 3-20
PIP utility	Utilities 3-12

MASTER INDEX

/SU switch (Cont.)	RMS-11 Utilities 6-7
RMSBCK utility	RMS-11 Utilities 4-5, 4-7, 4-13, 4-15
RMSCNV utility	RMS-11 Utilities 7-8
RMSRST utility	
SU\$-family symbol	RMS-11 Macros C-3
declaring	RMS-11 Macros A-1
value	Batch and Queue 3-14
SUB command	Batch and Queue 3-18 to 3-19
example	Batch and Queue 3-15
file switches	Batch and Queue 3-15
format	Batch and Queue 3-15
job switches	Batch and Queue 3-15
log file switches	Batch and Queue 3-15
Subconditional assembly	PDP-11 MACRO-11 6-53 to 6-54
Subcontroller device	Writing I/O Driver 1-13
block	Writing I/O Driver 1-13
Subexpression	
TPARS	I/O Operations 7-7
using	I/O Operations 7-19
\$SUBMIT card	
command qualifiers	Batch and Queue 3-25
See also SUBMIT command	
format	Batch and Queue 3-25
SUBMIT command	Batch and Queue 1-7, 3-14
command qualifiers	Command Language 9-46
definition	Batch and Queue 3-15
example	Batch and Queue Gloss-8
file qualifiers	Batch and Queue 3-18 to 3-19
format	Batch and Queue 3-15
log file qualifiers	Batch and Queue 3-15
Subpacket definition	Batch and Queue 3-15
dispatch module	Error Logging 4-69
DSP1M1	Error Logging 4-69 to 4-71
DSP1P1	Error Logging 4-72
DSP2M1	Error Logging 4-72
DSP2P1	Error Logging 4-73
DSP3M1	Error Logging 4-73
DSP3P1	Error Logging 4-73
DSP4M1	Error Logging 4-73
DSP4P1	Error Logging 4-74
DSP5M1	Error Logging 4-74
DSP5P1	Error Logging 4-74
DSP6M1	Error Logging 4-74
DSP6P1	Error Logging 4-74
DSP7M1	Error Logging 4-74
DSP7P1	Error Logging 4-75
SUBPACKET statement	Error Logging 4-75
Subroutine	Error Logging 5-29
calling	Introduction 4-10 to 4-11, 4-13, Gloss-31
returning from	MCR Operations 4-37
SUBS function	MCR Operations 4-48
SUBSTITUTE command	EDT Editor 5-44
EDT editor	EDT Editor 2-30, 7-16
SUBSTITUTE NEXT command	Introduction 2-11 to 2-12
Substituting text	EDT Editor 7-19
keypad editing	
line editing	EDT Editor 5-44, 5-46
nokeypad editing	EDT Editor 2-30, 7-16, 7-19
redefined key	EDT Editor 2-42, 8-16
Substitution	EDT Editor 10-8
enabling	MCR Operations 4-17
format control	MCR Operations 4-33
mode	MCR Operations 4-18
	MCR Operations 4-33

MASTER INDEX

Substring	MCR Operations 4-16
searching for	MCR Operations 4-51
Subtopic	
HELP	EDT Editor 1-4, 7-9
Subtraction operator	PDP-11 MACRO-11 3-2, 3-5
Success	
handler	RMS-11 Macros 2-17
SUM block	RMS-11 Introduction 4-8
chaining to FAB	RMS-11 Macros 2-12
declaring	RMS-11 Macros 2-8
initializing	RMS-11 Macros 2-9
summary	RMS-11 Macros 6-145
.SUML1	
reserved global symbol	Task Builder E-2
Summary listing	
RMSBCK utility	RMS-11 Utilities 6-10
RMSCNV utility	RMS-11 Utilities 4-12
RMSRST utility	RMS-11 Utilities 7-12
Summary report	
generated by PRINTSUMMARY	System Management 4-47
IOX	System Management 4-20
Summary switch	Error Logging 3-6, 3-20
all report	Error Logging 3-20
error report	Error Logging 3-20
geometry report	Error Logging 3-23
history report	Error Logging 3-25
no report	Error Logging 3-27
Summary XAB	
See SUM block	
SUMMARYTIME command	
IOX	System Management 4-60
SUPERSEDE	
RMSDES utility	RMS-11 Utilities 2-35
/SUPERSEDE qualifier	
BRU utility	Utilities 7-21
Supersession	
See also FB\$SUP mask in FOP	
field	
RMSBCK utility	RMS-11 Utilities 6-7
RMSCNV utility	RMS-11 Utilities 4-7, 4-13
RMSDEF utility	RMS-11 Utilities A-7
RMSRST utility	RMS-11 Utilities 7-8
Supervisor Call directive	Executive 5-146
Supervisor libraries	ODT 1-4
Supervisor mode	ODT 1-4, 3-2
	Executive 3-1 to 3-2
	RMS-11 User's Guide 8-7, 8-9
	Task Builder 2-24
	ODT 2-11
	ODT 1-4
command	
debugging	ODT 1-4
install	Task Builder 2-24
READ/WRITE	
library	Task Builder 2-24, 2-26 to 2-27
See also Library	Task Builder 8-8, 8-12 to 8-13
mapping	ODT 2-11
mode switching	Task Builder 8-20
set	Executive 5-107
stack	Executive 5-36, 5-107
Supervisor-mode D-space	Executive 5-107, 5-146
Supervisor-mode I-space	System Generation 3-22
Supervisor-mode library	
SYSGEN question	
Supervisor-mode support	
new RMS support	Release Notes 2-2
SUPLIB	
option	Task Builder 8-9, 11-35
use in CSM library	Task Builder 8-3, 8-19

MASTER INDEX

SUPLIB

option (Cont.)
use in supervisor-mode
library

Support

Suspend directive

SVDB\$

SVTK\$

/SW switch

Swapping

Switch

See also individual switch
entries

See also RMSBCK, RMSCNV, RMSDSP,
RMSIFL, RMSRST

analysis

argument

BAD utility

BRU utility

CMP utility

conflict in

CRF utility

cross-reference control

default

modifying

DMP utility

DSC utility

file specification

FLX utility

FMT utility

form

format

function

function control

Indirect

LBR utility

listing control

macro library

modifying default of

PAT utility

PIP utility

register

bit

clearing

displaying

setting

RMSBCK utility

RMSCNV utility

RMSDSP utility

RMSIFL utility

RMSRST utility

SLP utility

summary

BAD

BRU

CMP

DMP

DSC

EDI

FLX

FMT

LBR

PAT

PIP

SLP

VFY

ZAP

Task Builder 8-7

Introduction 1-2, 2-1, Gloss-31

Executive 5-169

Executive 5-202

Executive 5-204

Error Logging 2-4, 2-8

Introduction 5-6 to 5-7, Gloss-31

MCR Operations 2-5

Crash Dump Analyzer 2-1

MCR Operations 2-5

Utilities 6-5

Utilities 7-12

Utilities 12-2

Task Builder 10-1

Utilities B-1

PDP-11 MACRO-11 8-16 to 8-17

Task Builder F-7 to F-11

Utilities 11-3

Utilities 8-9

PDP-11 MACRO-11 8-6 to 8-7

Utilities 4-3

Utilities 5-7

MCR Operations 2-5

PDP-11 MACRO-11 8-5 to 8-6

Crash Dump Analyzer 2-1

PDP-11 MACRO-11 8-6 to 8-7

MCR Operations 4-19

Utilities 10-9

PDP-11 MACRO-11 8-6 to 8-7

PDP-11 MACRO-11 8-6 to 8-7

Task Builder F-7 to F-11

Utilities 14-6

Utilities 3-14

MCR Operations 3-221

MCR Operations 3-221

MCR Operations 3-221

RMS-11 Utilities 6-4 to 6-5

RMS-11 Utilities 4-5, 4-7

RMS-11 Utilities 5-3 to 5-4

RMS-11 Utilities 3-3, 3-5

RMS-11 Utilities 7-3, 7-5

Utilities 13-14

Task Builder 10-2 to 10-4

Utilities A-12

Utilities A-13

Utilities A-22

Utilities A-20

Utilities A-16

Utilities A-1

Utilities A-9

Utilities A-11

Utilities A-18

Utilities A-24

Utilities A-5

Utilities A-23

Utilities A-17

Utilities A-25

MASTER INDEX

Switch	
syntax	Task Builder 10-1
Task Builder	Task Builder 10-1
/AC[:n]	Task Builder 10-5
/AL	Task Builder 10-6
/CC	Task Builder 10-7
/CM	Task Builder 10-8
/CO	Task Builder 10-9
/CP	Task Builder 10-10
/CR	Task Builder 10-11 to 10-13
/DA	Task Builder 10-14
/DL	Task Builder 10-15
/EA	Task Builder 10-16
/EL	Task Builder 10-17
/FP	Task Builder 10-18
/FU	Task Builder 10-19
/HD	Task Builder 10-20
/ID	Task Builder 10-21
/IP	Task Builder 10-22
/LB	Task Builder 10-23 to 10-24
/LI	Task Builder 10-25
/MA	Task Builder 10-26
/MM	Task Builder 10-27
/MP	Task Builder 10-28
/MU	Task Builder 10-29
/NM	Task Builder 10-30
/PI	Task Builder 10-31
/PM	Task Builder 10-32
/PR[:n]	Task Builder 10-33
/RO	Task Builder 10-34
/SE	Task Builder 10-35
/SG	Task Builder 10-36
/SH	Task Builder 10-37
/SL	Task Builder 10-44
/SP	Task Builder 10-45
/SQ	Task Builder 10-46
/SS	Task Builder 10-47 to 10-49
/TR	Task Builder 10-50
/WI	Task Builder 10-51
/XH	Task Builder 10-52
/XT[:n]	Task Builder 10-53
VFY utility	Utilities 9-4
ZAP utility	Utilities 15-2
SWITCH command	
CON	
command line format	System Management 15-26
example	System Management 15-26
Switch definition	System Management 15-26
Switch descriptor table	I/O Operations 6-21 to 6-26
end	I/O Operations 6-22 to 6-26
format of entry	I/O Operations 6-29
SWITCH REGISTER command	I/O Operations 6-26
Switch switch	MCR Operations 3-221
Delete subswitch	Error Logging 2-4, 2-8
New version subswitch	Error Logging 2-4, 2-9
Switch value descriptor table	Error Logging 2-4, 2-9
end	I/O Operations 6-27
entry format	I/O Operations 6-29
Switching access modes	I/O Operations 6-28
/SWPC keyword	RMS-11 Introduction 3-13
SET command	
VMR	MCR Operations 3-207
/SWPR keyword	System Management 10-61
SET command	
VMR	MCR Operations 3-208
	System Management 10-61

MASTER INDEX

SWR command	MCR Operations 3-221
command line format	MCR Operations 3-221
example	MCR Operations 3-221
keyword	
/CLE	MCR Operations 3-221
/DIS	MCR Operations 3-221
/SET	MCR Operations 3-221
\$SY	
predefined syntax element in	
MML	System Management 12-44
SY:	
pseudo device	Command Language 4-2, 4-77 to
	4-79, 5-6, 5-72 to 5-73, 9-31
<SYDISK> symbol	MCR Operations 4-14
SYM symbolic argument	PDP-11 MACRO-11 6-12
Symbol	Introduction Gloss-31
	RMS-11 Introduction 4-7
affecting search for	Task Builder 2-7
code and mask	RMS-11 Introduction 4-7
control directive	PDP-11 MACRO-11 6-48 to 6-49
cross-reference	Program Development 3-7 to 3-8
cross-reference listing	
control of	PDP-11 MACRO-11 6-22
declaration flag byte	Task Builder A-7
defining	MCR Operations 4-3, 4-7
definition file	System Management 10-2
excluding symbol from a	Task Builder 11-21
for system-owned region	Task Builder 11-11
for user-owned region	Task Builder 11-29
including symbols	Task Builder 11-18
overriding	System Management 10-4
reducing overhead	Task Builder F-4
directory record	
declare global	Task Builder A-2
end of global	Task Builder A-11
internal	Task Builder A-24
displaying	
example of	MCR Operations 4-56
field-offset	RMS-11 Introduction 4-7
full search in overlays	
specifying	Task Builder 10-19
global	Introduction 4-6, 4-8, Gloss-15
	PDP-11 MACRO-11 1-2
	Program Development 1-5
	Task Builder 11-24
address of ODT SST routine	Task Builder 3-16
ambiguously defined in	
overlay	Task Builder 11-17
declaring definition in a	Task Builder 3-18
task	MCR Operations 4-3
default library resolution	MCR Operations 4-35
defining	Task Builder A-2
deleting definition of	Task Builder A-4
directory record	Task Builder A-11
directory record format	Program Development 1-4
end of directory record	Task Builder 11-21
entry point	Task Builder 3-18
excluding in a task	Task Builder 4-4, 4-6
from the default library	Task Builder 10-12 to 10-13
in autoloadable segment	Task Builder 11-18
in cross-reference listing	Task Builder 3-16
including in a task	Task Builder 3-16
multiplydefined	Task Builder A-6
multisegment task	Task Builder A-6
name	Task Builder 5-11
name entry	Task Builder 3-17
overlaid region .STB file	
overlay search sequence	

MASTER INDEX

Symbol

global (Cont.)	Program Development 1-4 to 1-5, 4-2
resolution	Task Builder 2-7, 3-17
resolution in co-tree	Task Builder 3-17
resolution in multisegment	
task	Task Builder 3-16
undefined	Task Builder 2-7
in cross-reference listing	Task Builder 10-12
internal	
autoloadable library	Task Builder A-26 to A-27
end-of-module	Task Builder A-30
end-of-module format	Task Builder A-32
global	Task Builder A-28
internal symbol name	Task Builder A-30
internal symbol name format	Task Builder A-31
line-number	Task Builder A-29 to A-30
literal record	Task Builder A-30
literal record format	Task Builder A-31
module name	Task Builder A-27 to A-28
overall format	Task Builder A-24 to A-25
PC correlation	Task Builder A-29 to A-30
PSECT item	Task Builder A-29
relocatable/relocated	Task Builder A-27
start-of-segment	Task Builder A-25 to A-26
task identification	Task Builder A-26
TKB generated	Task Builder A-25
local	Introduction 4-6 to 4-7, Gloss-19
accessing	Program Development 1-4 to 1-5, 2-7 to 2-8
Begin-End block with	MCR Operations 4-21
definition	MCR Operations 4-3, 4-28
deleting definition of	Program Development 2-7 to 2-8
reserved	MCR Operations 4-35
logical	MCR Operations 4-17
defining	MCR Operations 4-7
testing	MCR Operations 4-48
macro	MCR Operations 4-41
definition	Program Development 1-4, 1-10, 2-7, 6-4
MACRO-11 evaluation	Program Development 1-4, 3-1 to 3-2
marking undefined reference	PDP-11 MACRO-11 6-21
name	MCR Operations 4-7
name entry	
internal	Task Builder A-5
number of processed for	
performance	Task Builder F-3
numeric	MCR Operations 4-7, 4-14
decrementing	MCR Operations 4-30
defining	MCR Operations 4-49
incrementing	MCR Operations 4-42
radix of	MCR Operations 4-15
redefining	MCR Operations 4-49
substituting	MCR Operations 4-15
reserved	PDP-11 MACRO-11 2-3, 3-1
reserved for the Task Builder	Task Builder E-1
resolving	
overlay region	Task Builder 5-11
search	
selective	Task Builder 10-47 to 10-49
special	MCR Operations 4-8
format	MCR Operations 4-8
logical	MCR Operations 4-8
numeric	MCR Operations 4-10

MASTER INDEX

- Symbol
 - special (Cont.)
 - string
 - type
 - string
 - defining
 - substituting
 - table
 - deleting definition in
 - free space in
 - search order
 - testing
 - type
 - use
 - user-defined
- \$ symbol
- Symbol definition
 - SYSLIB.OLB
- Symbol definition file
 - See also .STB file
 - supervisor-mode library
 - system-owned
 - user-owned
- Symbol table
- Symbol table switch
- Symbol-declaration macro
- Symbolic offsets
 - usage
- SYMBOLS argument
- <SYMTYP> symbol
- SYN argument to RAB\$B macro
 - RSTS/E
- /SYNC keyword
 - INSTALL command
 - VMR
- Synchronous line interface
 - DMC11
 - DP11
 - DQ11
 - DU11
 - DUP11
- Synchronous operation
 - See also RB\$ASY mask in ROP
 - field
- Synchronous system trap
 - See SST
- Syntax
- Syntax element
 - defining
 - predefined MML
 - types
- Syntax error
 - See Q error
- Syntax rule
 - summary of
- /-SYS
- <SYSDEV> symbol
- SYSGEN
 - See also Pregenerated kit
 - abnormal exit
 - Adding a Device section
- MCR Operations 4-12
- MCR Operations 4-8
- MCR Operations 4-7, 4-16
- MCR Operations 4-50
- MCR Operations 4-17
- PDP-11 MACRO-11 1-1 to 1-2
- MCR Operations 4-3
- MCR Operations 4-35
- MCR Operations 4-11
- PDP-11 MACRO-11 3-7
- MCR Operations 4-38 to 4-39
- MCR Operations 4-7
- MCR Operations 4-7
- PDP-11 MACRO-11 3-6 to 3-8
- ODT 5-1
- Task Builder 2-7
- Task Builder 11-35
- Task Builder 11-31
- Introduction 4-6
- Crash Dump Analyzer 2-8
- RMS-11 Macros 2-2
- Writing I/O Driver A-1
- Writing I/O Driver 4-2
- PDP-11 MACRO-11 8-11
- MCR Operations 4-11
- RMS-11 Macros 2-8
- RMS-11 Macros D-4
- MCR Operations 3-100
- System Management 10-25
- I/O Drivers 12-3
- I/O Drivers 12-3
- I/O Drivers 12-3
- I/O Drivers 12-3
- I/O Drivers 12-4
- RMS-11 Introduction 4-4
- RMS-11 User's Guide 8-2
- Introduction 1-14
- I/O Operations 7-3
- System Management 12-39 to 12-45
- I/O Operations 7-4 to 7-5, 7-8
- Task Builder 1-10
- Crash Dump Analyzer 2-2
- MCR Operations 4-14
- System Generation 3-6
- System Generation 4-9

MASTER INDEX

SYSGEN (Cont.)

- Assembling the Executive and Drivers section
- Autoconfigure
- baseline system
- Building the Executive and Drivers section
- Building the Nonprivileged Tasks section
- Building the Privileged Tasks
- changing system without
- Choosing Executive Options section
- Choosing Peripheral Configuration section
- Choosing SYSGEN Options section compared to system generation
- Creating the System Image File section
- DCL
- definition
- error message
- error recovery
- example
- features
- generating V2.1 on V2.0
- help paragraph
- invoking
- making changes
- media requirement
- moving old system
- SYSGEN question
- new features
- note on software
- preparation
- processor
- support on RSX-11M-PLUS
- question
- format
- sections
- restarting
- saved answer file
- sections
- setting up system
- terminal support
- terms defined
- SYSGEN question
- default response
- example
- number format
- prompt format
- SYSLIB
- including contribution in map
- linking to
- by supervisor-mode libraries
- replacing as default
- SYSLIB.OLB
- for symbol definition
- SYSLOGIN.CMD file
- SYSTB.MAC file
- System
- bootstrappable
- bootstrapping
- restriction
- System Generation 3-67
- System Generation 3-6
- System Generation 3-11
- System Generation 3-68
- System Generation 3-72
- System Generation 3-70
- System Generation 4-8
- System Generation 3-20
- System Generation 3-31
- System Generation 3-15
- System Generation 1-1
- System Generation 3-75
- System Management 12-2
- System Generation 1-4
- System Generation 3-3
- System Generation 3-3
- System Generation D-1 to D-48
- System Generation 1-4
- System Generation 3-12
- System Generation 3-3
- System Generation 3-13
- System Generation 3-4
- System Generation 2-2
- System Generation 3-68
- Release Notes 1-1
- Release Notes 1-33
- System Generation 2-1
- System Generation 3-20
- System Generation 3-1
- System Generation 3-14
- System Generation 3-19
- System Generation 3-5
- System Generation 1-5
- System Generation 4-3
- System Generation 3-58
- System Generation 1-7
- System Generation 3-1
- System Generation 3-2
- System Generation 3-1
- System Generation 3-1
- Task Builder 10-26
- Task Builder 8-2, 8-7 to 8-9, 8-18
- Task Builder 10-23
- Command Language 6-40, 6-81
- Program Development 1-11
- Task Builder 2-7
- Command Language 3-4
- Writing I/O Driver 1-18
- MCR Operations 3-23
- MCR Operations 3-23
- MCR Operations 3-24

MASTER INDEX

System

- bootstrapping (Cont.)
 - valid device
 - virgin
- command file
 - requirements
- configuration
 - device
 - adding
 - removing
 - duplicating
 - information
 - displaying
 - memory box
 - adding
 - removing
- data structures
 - abort codes
 - macro definitions
- device
 - default
 - writing hardware boot block
- directive
- fault
 - diagnosing
 - recovering
- file naming
 - convention
- file types
- group
- host and target
- image
 - file
 - configuring
 - determining minimum size
 - Executive data space and
 - foreign
 - writing
 - writing
- supported device
- interactive
- library
 - contributions (in map)
 - macro (RSXMAC.SML)
 - contents
 - search
 - object (SYSLIB.OLB)
 - contents
 - search
- logging in
- logging out
- management
- mapped
- physical and virtual space
- multiprocessor
 - diagnostic
 - stand-alone maintenance
- multiuser
- multiuser protection
 - login
 - disabling

- MCR Operations 3-23
- MCR Operations 3-24
- System Management 10-41
- MCR Operations 3-59
- MCR Operations 3-60
- System Management 15-21
- System Management 15-18
- System Management 15-7, 15-17
- System Management 10-12, 15-9
- System Management 15-23
- System Management 15-20
- Writing I/O Driver A-3
- Writing I/O Driver A-1 to A-71
- MCR Operations 2-2
- MCR Operations 3-162
- Program Development 1-9 to 1-10
- System Management 15-28
- System Management 15-30
- System Management 15-30
- System Management B-4
- System Management B-5 to B-6
- MCR Operations 2-3
- Task Builder C-1
- MCR Operations 3-160
- System Management 10-1
- MCR Operations 3-160
- System Management 10-2
- System Management 10-4
- MCR Operations 3-160
- System Management 10-40
- System Management 10-40
- Introduction 1-1, 5-3, Gloss-18
- Program Development 4-7
- Program Development 1-5, 1-9 to 1-10
- Program Development 1-9
- Program Development 1-5, 1-10, 2-7
- Program Development 1-11
- Program Development 1-11
- Program Development 1-11, 4-2
- MCR Operations 3-59
- MCR Operations 3-31
- System Management 1-1
- Executive 3-2
- Task Builder 2-14
- Task Builder 2-15
- System Management 15-32
- System Management 15-32
- Introduction 5-1
- MCR Operations 3-187
- System Management 10-51

MASTER INDEX

System
 multiuser protection
 login (Cont.)
 enabling
 object module library
 See also Library
 See also SYSLIB.OLB
 operating
 real-time
 reconfiguration
 saved
 rebootstrapping
 saving
 requirement
 restriction
 supported device
 valid device
 compatible
 shutdown task
 See SHUTUP
 stack
 statistics
 Resource Accounting
 statistics display
 RMD
 target
 memory management
 task
 UIC
 specifying
 unmapped
 System Account Block

 System clock
 SYSGEN question
 System common
 active task
 alphabetized
 boot device
 labels
 network UIC
 partition address
 stack depth
 system size
 TCB address
 UIC
 System common dump
 alphabetized
 System data structure macro
 accounting block offset
 AST control block
 clock queue control block
 controller request block
 controller table
 device control block
 error message block
 EXELIB.OLB
 EXEMC.MLB
 hardware register addresses
 interrupt transfer block
 logical assignment control
 block
 MCR Operations 3-187
 System Management 10-51
 Task Builder 2-2

 Introduction 1-1, 4-1, 5-1, 5-4,
 Gloss-23
 Introduction 5-1, 5-6, Gloss-28
 System Management 15-1

 MCR Operations 3-162
 MCR Operations 3-160
 System Management 10-40
 MCR Operations 3-161
 MCR Operations 3-160
 System Management 10-40
 MCR Operations 3-160
 MCR Operations 3-160

 Writing I/O Driver 6-11

 System Management 17-5

 System Management 6-12A

 Task Builder 10-27
 Introduction 1-11, Gloss-32
 Program Development 1-1

 MCR Operations 3-208
 System Management 10-61
 Task Builder 2-14
 System Management 17-26
 Writing I/O Driver A-5

 System Generation 3-29 to 3-30
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-9
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-9
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-6
 Crash Dump Analyzer 3-1
 Crash Dump Analyzer 3-1

 Crash Dump Analyzer C-4
 Crash Dump Analyzer C-51
 Crash Dump Analyzer C-10
 Crash Dump Analyzer C-32
 Crash Dump Analyzer C-12
 Crash Dump Analyzer C-13
 Crash Dump Analyzer C-14
 Crash Dump Analyzer C-1
 Crash Dump Analyzer C-1
 Crash Dump Analyzer C-27
 Crash Dump Analyzer C-31

 Crash Dump Analyzer C-34

MASTER INDEX

System data structure macro

(Cont.)

- magtape volume set control block
- online reconfiguration interface
- partition control block
- shadow recording linkage block
- status control block
- summary of
- symbolic offsets in
- task abort codes
- task control block
- task header
- TKTN message codes
- unit control block
- volume control block

System date

System device switch

System directive

summary

System directory

System disk

RMSBCK utility

RMSRST utility

System failure

- restoring edits after
- simulating

System generation

CDA and

definition

example

flow

glossary

incorporating a driver

System I/O data base

main thread through

System image file

System information dump

System information switch

System library

System Library Routines Reference Manual

documentation correction

System macro call

System Macro Library

System macro library

See also .MCALL directive

System Management Guide

documentation correction

System name

SYSGEN question

System parameter

changing after SYSGEN

System pool switch

System Service Message command

See also SSM command

Crash Dump Analyzer C-35

Crash Dump Analyzer C-39

Crash Dump Analyzer C-47

Crash Dump Analyzer C-59

Crash Dump Analyzer C-57

Crash Dump Analyzer C-2

Crash Dump Analyzer C-1

Crash Dump Analyzer C-3

Crash Dump Analyzer C-61

Crash Dump Analyzer C-25

Crash Dump Analyzer C-3

Crash Dump Analyzer C-65

Crash Dump Analyzer C-21

Command Language 2-1, 8-1 to 8-2, 9-31, 9-37

Crash Dump Analyzer 2-4

I/O Operations C-1 to C-3

Command Language 6-41, 7-7 to 7-9, 7-27, 8-5

RMS-11 Utilities 6-1

RMS-11 Utilities 7-1

EDT Editor 3-2

EDT Editor 3-2

Introduction 5-3, Gloss-32

Crash Dump Analyzer 1-1

System Generation 1-1

System Generation D-1 to D-48

System Generation 1-2

System Generation 1-7

Writing I/O Driver 5-1

Writing I/O Driver 2-1, 2-3

System Generation 3-75

Crash Dump Analyzer 1-5

Crash Dump Analyzer 2-5

Introduction 4-11, Gloss-18, Gloss-32

Command Language 8-4

Release Notes 1-60

Writing I/O Driver 4-5

Executive 1-5

PDP-11 MACRO-11 1-1

Release Notes 1-64

System Generation 3-25

System Generation 4-8

Crash Dump Analyzer 2-5

MCR Operations 3-220

MASTER INDEX

System setup
 after SYSGEN
 System Task Directory
 See STD
 System task directory dump
 System task directory switch
 System time

 System Time Change Transaction
 Block
 System-controlled partition
 conventions
 definition
 extending memory for task in
 fragmentation
 causes of
 subpartitions of
 waiting tasks
 System-state
 register convention
 <SYSTEM> symbol
 /SYSUIC keyword
 SET command
 VMR
 <SYSUIC> symbol
 SYSVMR.CMD
 definition
 <SYUNIT> symbol
 /SZ switch
 LBR utility

T

T error
 summary
 /T switch
 T-bit trace trap
 TAll
 TAll cassette
 SYSGEN question
 TAB
 Resource Accounting
 Tab
 adjusting level of
 CONTROL key
 hardware horizontal
 specifying

 key
 keypad editing
 setting parameters of
 setting position of
 tab adjust
 TAB command
 tab compute
 tab decrement
 tab increment (TI)
 vertical
 TAB key
 TAB ON/OFF command
 EDI editor
 Table
 definition
 revector control in RCT
 status codes
 RPT use
 symbol

System Generation 4-3

 Crash Dump Analyzer 3-44
 Crash Dump Analyzer 2-5
 Command Language 2-1, 8-1 to 8-2,
 9-31, 9-37

 System Management 17-31
 System Management 14-1
 System Management 14-2
 System Management 14-2
 Task Builder 11-15

 System Management 14-3
 System Management 14-2
 System Management 14-2

 Writing I/O Driver 7-1
 MCR Operations 4-11

 MCR Operations 3-208
 System Management 10-61
 MCR Operations 4-14

 System Generation 3-75
 MCR Operations 4-11

 Utilities 10-30

PDP-11 MACRO-11 3-15, 5-10, 6-23
 PDP-11 MACRO-11 D-4
 Error Logging 3-7, 3-9
 Task Builder 10-50
 I/O Drivers 9-1

 System Generation 3-45
 Writing I/O Driver A-5
 System Management 17-3

 EDT Editor 5-53, 8-23
 EDT Editor 5-53

 MCR Operations 3-184
 System Management 10-50
 MCR Operations 2-16
 EDT Editor 5-53
 EDT Editor 9-8
 EDT Editor 8-21, 8-24
 EDT Editor 8-22
 EDT Editor 8-21
 EDT Editor 8-23
 EDT Editor 8-24
 EDT Editor 8-24
 Command Language 3-22
 Command Language 3-22

 Utilities 2-46

 Error Logging 5-36

 System Management 5-2
 Error Logging 5-36
 Introduction 4-6

MASTER INDEX

Table Driven Parser	I/O Operations 7-1
See also TPARS	
Table of contents	PDP-11 MACRO-11 6-16
sample listing	PDP-11 MACRO-11 6-15
text generation	Error Logging 5-37
TABLE statement	Task Builder F-2
Table storage	
memory for	Task Builder F-2
to improve performance	EDT Editor 8-22
TADJ command	Crash Dump Analyzer 2-2
/TAL	MCR Operations 3-222
TAL command	MCR Operations 3-222
command line format	MCR Operations 3-222
example	
Tape	
See also Medium	
backing up	Utilities 7-1
BRU utility	Utilities 8-14
comparing	Utilities 7-4
DSC utility	Utilities 7-1
conventional backup	Utilities 8-26
BRU utility	Utilities 4-4
copying	Utilities 7-3
BRU utility	Utilities 7-2
data transfer	Utilities 7-1
DSC utility	Utilities 7-3
formatting	Utilities 3-15
FLX utility	Utilities 9-1
full backup	I/O Operations G-16
BRU utility	RMS-11 Introduction 2-5
mounting	Command Language 5-38 to 5-40
BRU utility	Introduction 5-12
restoring	Utilities 7-21
BRU utility	RMS-11 Utilities 2-30
selective backup	Task Builder C-1
BRU utility	System Generation 1-11
setting block size	
PIP utility	System Generation 2-2
verifying	System Generation 2-2
VFY utility	Task Builder C-1
Tape mark	System Generation 2-2
	Crash Dump Analyzer 2-2
Tape set	MCR Operations 3-223
mounting	MCR Operations 3-223
Tape versus disk	MCR Operations 3-224
/TAPE LABEL qualifier	MCR Operations 3-223
BRU utility	
TARGET	MCR Operations 3-223
RMSDES utility	MCR Operations 3-223
Target system	
definition	System Management 10-70
disk	System Management 10-70
definition	Crash Dump Analyzer 2-2
types	
transferring task to a	
/TAS	
TAS command	
command line format	
error message	
example	
keyword	
/DEV	
VMR	
command line format	
example	
/TASK	

MASTER INDEX

Task	Introduction 4-1, 4-3, 4-6 to 4-7, 4-11, 5-10, Gloss-32 Command Language 7-1 MCR Operations 2-19 Program Development 4-8 Introduction 4-15 MCR Operations 3-3 System Management 13-7 to 13-9, 13-11 to 13-12
abort	
aborting	
using PMT	
access	
system-owned common or library	Task Builder 11-11
system-owned supervisor-mode library	Task Builder 11-35 Task Builder 11-28 Task Builder 11-28
user-owned common	
user-owned library	
user-owned supervisor-mode library	Task Builder 11-31
active	Introduction 1-20 to 1-21, 4-13, 5-7, Gloss-2, Gloss-33 Command Language 7-1, 7-55 to 7-57 MCR Operations 2-23 MCR Operations 3-31 System Management 6-9 MCR Operations 3-11 MCR Operations 3-19 MCR Operations 4-39 Task Builder 11-6 Task Builder 11-15 MCR Operations 3-138 MCR Operations 3-138 MCR Operations 3-138 MCR Operations 3-140 Task Builder 11-41 Task Builder 10-5 Introduction 5-2, Gloss-3 Task Builder 11-7 MCR Operations 2-14, 2-18 Task Builder 10-44 Introduction 5-7, Gloss-5, Gloss-33 Command Language 7-23 to 7-26, 9-44 MCR Operations 3-22 Program Development 5-6 Program Development 4-1, 7-6 Task Builder C-1 MCR Operations 3-33 System Management 10-11 MCR Operations 3-152 Task Builder 11-36 Task Builder 10-10 MCR Operations 2-20 Writing I/O Driver 1-14 Release Notes 1-38
aborting	
display	
altering from MCR	
displaying	
information	
displaying	
testing	
active files	
declaring number of	
additional memory for	
address	
accessing	
contents	
changing	
displaying	
relative	
accessing	
address windows	
declaring an additional	
Ancillary Control Processor	
specifying as	
application	
assigning physical device to	
LUN	
attached	
attaching slave attribute to	
blocked	
blocking	
breakpoints	
setting	
building	
building for target system	
canceling	
catchall	
changing name of	
checkpointable	
specifying	
checkpointing	
change to	

MASTER INDEX

Task (Cont.)

CLI

- installing
- removing
- clock queue
- displaying
- command line
- passing
- command line to build a
- common region
- displaying
- fixing
- sharing
- unfixing

comparison

- conventional and I- and D-space
- completion routine for a conventional
- autoload vector
- disk image
- mapping compared to I- and D-space task

correcting

- CPU time limit
- specifying

creating

- creating a dynamic region
- creating multiuser
- D-space

- overlay structure

data

- in task image
- needed by system to install
- debugging

declaring

- execution priority for
- maximum stack size of
- number of LUNs for
- object-level patch for
- ODT SST vector in

- decrementing I/O count

- default conditions

detaching

- disk image
- display
- dormant

testing

- dumping

enabling

- Postmortem Dump for
- T-bit trace trapping in
- executable
- execution termination
- exiting
- extend

- MCR Operations 3-97

- System Management 10-22

- System Management 10-35

- MCR Operations 3-43

- MCR Operations 3-155

- Task Builder 1-2

- MCR Operations 3-34

- MCR Operations 3-55

- System Management 10-19

- MCR Operations 3-100

- System Management 10-25

- MCR Operations 3-230

- System Management 10-74

- Task Builder 7-2

- Task Builder 11-10

- Task Builder B-17

- Task Builder 7-6

- Task Builder 7-2

- Program Development 4-9

- MCR Operations 3-100, 3-157

- MCR Operations 2-21

- Task Builder 5-40

- Task Builder 10-29

- Task Builder 3-21

- Task Builder B-4 to B-6

- Task Builder B-1

- Program Development 4-9, 7-7 to 7-9

- MCR Operations 3-46

- Task Builder 11-27

- Task Builder 11-34

- Task Builder 11-39

- Task Builder 11-5

- Task Builder 11-24

- Writing I/O Driver 1-14

- Program Development 4-4 to 4-5, 4-7 to 4-8

- MCR Operations 2-18

- Task Builder 2-8

- System Management 6-8

- Introduction 5-7, Gloss-11, Gloss-33

- Command Language 7-1

- MCR Operations 2-23

- MCR Operations 4-39

- MCR Operations 3-98

- System Management 10-23

- Task Builder 10-32

- Task Builder 10-50

- RMS-11 User's Guide 8-1

- System Management 4-23

- MCR Operations 2-18

- Executive 5-73

MASTER INDEX

Task (Cont.)

extending

a program section in a
maximum size
specifying

memory of
to partition length
external header
specifying

fixing

restriction

floating point processor in
specifying

format buffer

declaring length of
frequency of accessing data
areas

global relative patch
declaring

global symbol
excluding a
including in

global symbol definition
declaring a

global symbol reference
declaring a

header

allocating additional
(checkpoint) space in
checkpoint area within
controlling creation of
fixed part
I- and D-space
space for EAE context
space for floating-point
context

header display

RMD

altering from MCR

host to target system

example of transferring

I- and D-space

autoload vector

differing from conventional
task

manual load calling sequence

map

mapped in I- and D-space
system

mapping

mapping summary of

memory allocation

overlaid

overlay region vector

overlay structure

patching

PSECT in overlay

simplified mapping

specifying

.STB file

with up-tree segment

MCR Operations 3-97, 3-155

System Management 10-22

Task Builder 11-14

MCR Operations 3-190

System Management 10-53

Task Builder 11-15

Task Builder 11-15

MCR Operations 3-100

System Management 10-25

Task Builder 10-52

MCR Operations 3-55

System Management 10-18

MCR Operations 3-55

System Management 10-18

Task Builder 10-18

Task Builder 11-16

Writing I/O Driver 1-15

Task Builder 11-19

Task Builder 11-21

Task Builder 11-18

Task Builder 11-17

Task Builder 11-20

Task Builder 2-8

Task Builder 10-6

Task Builder B-9

Task Builder 10-20

Task Builder B-11 to B-12

Task Builder 7-11

Task Builder 10-16

Task Builder 10-18

System Management 6-10

System Management 6-11

Task Builder C-2

Task Builder 2-28, 7-1

Task Builder 7-9, B-17 to B-18

Task Builder 2-28

Task Builder 4-8 to 4-9, 4-11

Task Builder 7-9

Task Builder 7-4

Task Builder 7-3

Task Builder 7-2

Task Builder 7-9

Task Builder 7-5

Task Builder 5-11

Task Builder 3-21

Task Builder 11-13

Task Builder 7-6

Task Builder 2-29

Task Builder 10-21

Task Builder 7-9

Task Builder 3-22

MASTER INDEX

Task (Cont.)

- I-and-D and conventional mapping compared
- identification
 - for I- and D-space
- identifying partition for image
 - file structure
- image on disk
 - non-overlaid
 - non-overlaid as linked to library
 - overlaid
 - overlaid I- and D-space
- including debugging aid (ODT) in
- inhibiting queuing message to initiation
- IOX
 - EXECUTE command
- install-run-remove
- naming convention
- running
- installation
- installed
 - blocking
 - information
 - displaying
 - testing
 - installed name
 - declaring
 - installing
 - checkpointable
 - secondary pool
- installing, with external header
- label block
- label block 0
- label block 1
- label block 2
- label block 3
- linking
 - to a supervisor-mode library
 - to region
 - to region in I- and D-space system
 - to several libraries
- list of attributes
- logical units
 - number of
- LUNs
 - reassigning
- macro calls
- making checkpointable
- map
 - full
 - linked to a common
 - standard
- mapping
- maximum record buffer size

Task Builder 7-2

Task Builder 7-1

Task Builder 11-25

Task Builder B-1, B-14

Task Builder B-1

Task Builder B-2

Task Builder B-2

Task Builder B-3

Task Builder B-4

Task Builder 10-14

Task Builder 10-35

System Management 4-36

MCR Operations 2-23

MCR Operations 3-154

Introduction 4-9 to 4-10, 5-5, Gloss-17

Command Language 7-57 to 7-58

MCR Operations 2-22

MCR Operations 3-22

MCR Operations 3-222 to 3-223

System Management 10-70

MCR Operations 4-40

Task Builder 11-36

MCR Operations 2-22, 3-95

System Management 10-20

MCR Operations 3-96

System Management 10-21

MCR Operations 3-99

System Management 10-24

Release Notes 1-24

Task Builder 2-8

Task Builder B-7

Task Builder B-9

Task Builder B-9

Task Builder B-9

Task Builder 8-10 to 8-12

Task Builder 5-13

Task Builder 7-3

Task Builder 11-8 to 11-9

Task Builder 10-37

Task Builder 11-39

MCR Operations 3-146

System Management 10-32

Program Development 6-3 to 6-4

Task Builder 10-6

Program Development 4-5

Program Development 4-7

Task Builder 5-24

Program Development 4-5 to 4-6

Task Builder 2-15, 2-20

MASTER INDEX

Task

maximum record buffer size

(Cont.)

declaring

memory

memory-resident

memory-resident overlay

operator

enabling

memory-resident overlay segment

changing alignment of

multisegment

global symbol resolution

multiuser

See also Multiuser task

declaring read-only partition

specifying a

name

CLI

RSX-11M-PLUS

naming

convention

nonprivileged

subject to pool use controls

nonshufflable

fixing

object library routines

ODT vector

overlaid

global cross-reference of

memory savings

segment calls

virtual address space

overlaid I- and D-space

disk image

map

tree

virtual address

overlay

overmapping I/O page

parallel execution of

initiating

partition

declaring

patching of

with object code

priority

base

changing

specifying

privileged

See also Privileged task

change in code and data

structure

debugging

specifying

specifying a

privileged access right for

establishing

program section order

Task Builder 11-23

Task Builder 2-10

Introduction 5-7, 5-9, Gloss-2

Task Builder 10-34

Task Builder 10-8

Task Builder 3-5

Task Builder 3-17

Command Language 6-73

Task Builder 2-28

Task Builder 11-33

Task Builder 10-29

Introduction 1-20

Command Language 7-2 to 7-3, 7-5

System Management 11-4

Command Language 7-5

MCR Operations 3-100, 3-157

System Management 10-25

MCR Operations 2-22

System Management 13-5, 13-13

System Management 10-19

Program Development 6-6

Task Builder 11-24

Task Builder 3-7, 3-9

Task Builder 4-12 to 4-14

Task Builder 3-9 to 3-10

Task Builder 3-10

Task Builder 3-10

Task Builder 7-8

Task Builder 7-12 to 7-16

Task Builder 7-7

Task Builder 7-7

Task Builder 2-10

MCR Operations 3-97, 3-156

System Management 10-22

MCR Operations 4-55

Task Builder 11-25

Task Builder 11-5

MCR Operations 2-20

System Management 13-5, 13-13

MCR Operations 3-15

System Management 10-8

MCR Operations 3-98, 3-157

System Management 10-23

Introduction 5-5, Gloss-25

Task Builder 2-25

Release Notes 1-30

ODT 1-4

Task Builder 2-25

Task Builder 10-33

Task Builder 10-33

MASTER INDEX

Task

program section order (Cont.)
 effect in creating
 prompt
 proper state to initiate
 buffered I/O
 prototype
 running
 ready-to-run

 region
 relocation of
 removal

 removing

 requesting
 rescheduling

 resident common
 system-owned
 resident library
 system-owned
 running

 checkpointable
 scheduling

 shareable
 single segment
 size
 slave
 specifying a
 slaved
 specifying

 specifications
 multiple
 specifying
 data space in an I- and
 D-space
 Kell-A in
 SST
 SST vector address
 declaring
 stack size
 declaring
 state
 status flag
 displaying
 list
 stopped
 structure

 label block
 supervisor-mode library for a
 suspended
 continuing
 swapping
 system

 system library contributions
 system mapping status of
 indicating

Task Builder 10-36, 10-46
 MCR Operations 2-14

Writing I/O Driver 1-14

MCR Operations 3-151
 Introduction Gloss-33
 Command Language 7-1
 Task Builder 2-18 to 2-20
 Task Builder 2-2
 Introduction 4-9 to 4-10,
 Gloss-28
 MCR Operations 3-149
 System Management 10-34
 MCR Operations 2-22
 MCR Operations 3-153
 System Management 10-36

Task Builder 11-11

Task Builder 11-11
 Introduction 4-2, 4-9 to 4-10
 Program Development 4-7 to 4-8,
 7-6
 MCR Operations 2-23, 3-151
 System Management 10-36
 MCR Operations 3-155
 Command Language 7-12 to 7-15,
 7-60, 9-30, 9-37
 Command Language 6-73
 Task Builder 3-4, 3-8
 RMS-11 User's Guide 2-5

Task Builder 10-44

MCR Operations 3-99, 3-157
 System Management 10-24

Task Builder 1-5.

Task Builder 7-5
 Task Builder 10-16
 Program Development 4-8

Task Builder 11-37

Task Builder 11-34
 Command Language 7-1

MCR Operations 3-19
 MCR Operations 3-20
 Command Language 7-25, 9-43
 Task Builder 2-8
 RMS-11 User's Guide 1-13
 Task Builder 2-8
 Task Builder 11-31, 11-35

MCR Operations 3-150
 MCR Operations 2-20
 Introduction 1-11, Gloss-32
 Program Development 1-1
 Program Development 4-7

Task Builder 10-26

MASTER INDEX

Task (Cont.)

- termination
- time-based schedule request
 - declaring UIC for
- traceable
 - specifying a
- transfer (starting) address
 - default
 - defining
- UIC
 - declaring
 - specifying
- unattached
- unblocking
- unfixing
- unstopping
- use of memory management
- user
 - See also Device support
 - data space definition
- vector address
 - declaring system SST trap
- virtual program section
 - specifying
- window
 - in I- and D-space
 - linking to region
- Task Account Block
- Task accounting
 - Resource Accounting
- Task Builder
 - See also TKB
 - See also Linker
 - and optimizations
 - and overlay structure
 - and remote access code
 - and RMS-11 routines
 - and RMSRES
 - ASG directive
 - command line
 - fast
 - See Fast Task Builder
 - function
 - modification to
 - new features
 - option
 - PAT utility
 - restriction
 - switch
- TASK command
 - RMD
- Task Control Block
 - See TCB
- Task Control Block switch
- Task data space dump
- Task data space switch

Program Development 4-8

Task Builder 11-38

Task Builder 10-50

Program Development 4-3, 4-8

Program Development 2-7

Task Builder 11-38

MCR Operations 3-158

System Management 10-25, 10-37

MCR Operations 2-14

MCR Operations 3-229

MCR Operations 3-230

System Management 10-74

MCR Operations 3-233

Task Builder 2-15 to 2-16

Task Builder 7-1

Task Builder 11-37

Task Builder 11-40

Task Builder 2-20 to 2-22

Task Builder 7-5

Task Builder 5-15

System Management 17-24

Writing I/O Driver A-5

System Management 17-7

Introduction 4-7, 4-9, 4-11,

Gloss-3, Gloss-32

Command Language 9-23 to 9-24

I/O Operations 2-41

RMS-11 User's Guide 1-13

RMS-11 User's Guide 8-10

RMS-11 User's Guide 8-10

RMS-11 User's Guide B-1

RMS-11 User's Guide 8-1

RMS-11 User's Guide 8-6

I/O Operations 6-13

Task Builder 1-2

Task Builder 2-1

Release Notes 1-34

Release Notes 1-2

Task Builder 1-4

Utilities 14-4

Release Notes 1-34

Task Builder 10-1

System Management 6-9, 6-11

Crash Dump Analyzer 2-3

Crash Dump Analyzer 3-54

Crash Dump Analyzer 2-5

MASTER INDEX

- Task dump
 - window blocks
- Task execution
 - abort
 - begin
 - continuing
 - resuming
 - RSX-11M-PLUS feature
- Task Exit directive
- Task header
 - composite arrangement
 - pointers
- Task header dump
 - directive status word
 - file control block
 - logical unit table
 - page descriptor register
 - swapping priority
 - window blocks
- Task header switch
- Task headers
 - out-of-pool
 - SYSGEN question
- Task image
 - creating
 - file
 - patching
 - ZAP utility
- Task independence
 - new RMS support
- Task instruction space dump
- Task instruction space switch
- /TASK keyword
 - INSTALL command
 - VMR
 - OPEN command
 - RUN command
- Task level
- Task name
- TASK option
- Task parameter buffer format
- Task state
 - active
 - active blocked
 - active ready-to-run
 - active stopped
 - transition
- Task state transition
 - active to dormant
 - blocked to ready-to-run
 - blocked to stopped
 - dormant to active
 - ready-to-run to blocked
 - ready-to-run to stopped
 - stopped to blocked
 - stopped to ready-to-run
- Task status flag
- /TASK subkeyword
 - CLI command
- Task Termination and Notification
 - See TKTN
- Crash Dump Analyzer 3-48
- Crash Dump Analyzer 3-48
- ODT 1-5
- ODT 2-9, 3-2
- ODT 2-10, 3-2
- ODT 1-5 to 1-6, 3-2
- ODT 2-9
- Executive 5-69
- Writing I/O Driver 6-9
- Writing I/O Driver 2-13
- Writing I/O Driver 6-8
- Crash Dump Analyzer 3-28
- Crash Dump Analyzer 3-28
- Crash Dump Analyzer 3-29
- Crash Dump Analyzer 3-28
- Crash Dump Analyzer 3-29
- Crash Dump Analyzer 3-28
- Crash Dump Analyzer 3-29
- Crash Dump Analyzer 2-4
- System Generation 3-22
- Introduction 4-3
- Program Development 1-6, 4-1, 7-6
- Program Development 4-1 to 4-2, 7-5 to 7-6
- Introduction 2-1, 4-3, 4-8, 4-14, Gloss-33
- Utilities 15-1
- Release Notes 2-1
- Crash Dump Analyzer 3-54
- Crash Dump Analyzer 2-6
- MCR Operations 3-100
- System Management 10-25
- MCR Operations 3-140
- MCR Operations 3-157
- Executive 5-18
- ODT 5-1
- Introduction 4-13 to 4-15
- Task Builder 11-36
- Executive 5-97
- Introduction Gloss-33
- Executive 1-9
- Executive 1-10
- Executive 1-10
- Executive 1-10
- Executive 1-10
- Executive 1-10
- Executive 1-11
- Executive 1-11
- Executive 1-11
- Executive 1-10
- Executive 1-10
- Executive 1-11
- Executive 1-12
- Executive 1-11
- Command Language 7-48
- MCR Operations 3-40

MASTER INDEX

Task virtual address space switch	Crash Dump Analyzer 2-5
Task-build	Command Language 6-1, 6-62 to 6-86, 6-88 to 6-89
Task-build command file	
RMD	
modifying	System Management 6-12C
Task-build file	
location of IOX	System Management 4-22
Task/File Patch Program	
See ZAP utility	
TASKLIST command	MCR Operations 3-223
VMR	System Management 10-70
TASKLIST-ATL command	MCR Operations 3-222
Tasks	
installing and using	System Generation 4-6
on pregenerated kit	System Generation 5-29
nonprivileged	
definition	System Generation 3-72
list	System Generation 3-73
SYSGEN question	System Generation 3-73
/TASKS keyword	
CBD command	MCR Operations 3-34
/TB switch	
CMP utility	Utilities 12-3
PIP utility	Utilities 3-26
TC command	EDT Editor 8-23
TC11 controller	
SYSGEN question	System Generation 3-46
TC11-G	I/O Drivers 6-1
/TCB	Crash Dump Analyzer 2-2
TCB	Introduction 4-9, Gloss-17, Gloss-33
	MCR Operations 3-95
composite arrangement	Writing I/O Driver 1-14
pointer to	Writing I/O Driver 2-11
TCBDF\$	Crash Dump Analyzer 3-20
	Crash Dump Analyzer C-61
TD command	Writing I/O Driver A-60 to A-63
/TD switch	EDT Editor 8-24
PIP utility	
/TDS	Utilities 3-40
TDX	Crash Dump Analyzer 2-2
TE trap	Release Notes 1-26
TE16 magtape	ODT 1-5 to 1-6
SYSGEN question	
Technical changes	System Generation 3-35
RSX-11M-PLUS	
TECO editor	Command Language C-1
	Command Language 4-21 to 4-22, 9-16
Teleprinter listing format	PDP-11 MACRO-11 6-7 to 6-8
See also Listing control	
Teletype	I/O Drivers 2-3, 3-2
Temporary file	
See also FB\$TMP mask in FOP	
field	
creating	I/O Operations 3-11
deleting	I/O Operations 4-23
marking	
for deletion	I/O Operations 3-12
opening	I/O Operations 3-11
Temporary Radix-50 operator	PDP-11 MACRO-11 6-30

MASTER INDEX

TEMPORARYFILE command

IOX

\$TERM

predefined syntax element in
MML

Term

definition of

/TERM keyword

ABORT command

ACTIVE command

ALLOCATE command

ALTER command

ASSIGN command

BLOCK command

RESUME command

SET command

VMR

UNBLOCK command

UNSTOP command

Terminal

See also VT52 or VT100
attached

attaching
attributes

baud rate
specifying

characteristics

CLI

default

specifying

resetting

control character

controlling operation

CRT

specifying

current line

deleting

retyping

DCL

specifying

dedicated

desk-top

device-specific QIO

dual-port

placing on line

switching

escape sequence

escape sequence recognition

examining a listing

full-duplex

full-duplex operation

graphics

half-duplex

hardcopy

System Management 4-61

System Management 12-44

PDP-11 MACRO-11 3-15 to 3-16

MCR Operations 3-4

MCR Operations 3-11

MCR Operations 3-12

MCR Operations 3-15

MCR Operations 3-17

MCR Operations 3-22

MCR Operations 3-150

MCR Operations 3-209

System Management 10-62

MCR Operations 3-229

MCR Operations 3-233

Introduction 1-1, 1-6, 1-9, 1-18
to 1-19, 4-1, 4-13, 5-2, 5-10,
Gloss-33

MCR Operations 2-13

RMS-11 Macros 3-1, 5-20, 5-37,
5-42, 5-77, 5-88, 5-104,
5-111, 5-117

Command Language 3-2

MCR Operations 2-18

I/O Drivers 2-12 to 2-13

Command Language 2-2 to 2-3, 3-2,
3-33 to 3-54, 9-35

MCR Operations 3-206

System Management 10-59

Command Language 2-2 to 2-3, 3-2,
3-33 to 3-54, 9-35

MCR Operations 3-177

MCR Operations 3-31

I/O Drivers 2-27 to 2-29

MCR Operations 2-14

MCR Operations 3-177

System Management 10-48

MCR Operations 2-17

MCR Operations 2-17

MCR Operations 3-178

MCR Operations 2-19

I/O Drivers 2-3

I/O Drivers 2-8, 3-5 to 3-6, 3-8

System Management 15-22

System Management 15-22

I/O Drivers 2-29

I/O Drivers 2-13

Program Development 3-6 to 3-7

I/O Drivers 2-14

I/O Drivers 2-38

I/O Drivers 2-5

I/O Drivers 3-1

Introduction 1-1, 1-9, 5-9,
Gloss-16

EDT Editor 9-12

MASTER INDEX

Terminal (Cont.)

input	MCR Operations 2-13
prompt	MCR Operations 2-14
solicited	MCR Operations 2-15
terminating	MCR Operations 2-14
unsolicited	I/O Drivers 2-39
interface	
See also Line interface	
local	
specifying	MCR Operations 3-201
	System Management 10-58
logged-in	
displaying	MCR Operations 3-48
MCR	
specifying	MCR Operations 3-192
message	
sending	MCR Operations 3-27
time limit	MCR Operations 3-27
model	Command Language 2-2 to 2-3, 3-2,
	3-33 to 3-54, 9-35
multiplexer	
See Multiplexer	
number	Command Language 3-1
option	
autobaud detection	MCR Operations 3-174
	System Management 10-46
backwards deletion	MCR Operations 3-177
	System Management 10-48
broadcast	MCR Operations 3-175
	System Management 10-48
echo	MCR Operations 3-180
	System Management 10-49
eight-bit character	MCR Operations 3-179
	System Management 10-48
escape-sequence recognition	MCR Operations 3-181
	System Management 10-49
fill characters	MCR Operations 3-184
vertical	System Management 10-50
full-duplex	MCR Operations 3-214
	System Management 10-64
hardware	MCR Operations 3-182
form feed	System Management 10-49
horizontal tab	
hold-screen mode	MCR Operations 3-183
read-pass-all	System Management 10-50
	MCR Operations 3-184
	System Management 10-50
	MCR Operations 3-185
	MCR Operations 3-203
	System Management 10-58
typeahead	MCR Operations 3-212
	System Management 10-64
wrap-around	MCR Operations 3-216
	System Management 10-65
output	
controlling	Program Development 3-7
resuming	MCR Operations 2-16 to 2-17
suppressing	MCR Operations 2-16
suspending	MCR Operations 2-17
paging	MCR Operations 3-187
portable	I/O Drivers 2-3
privilege	MCR Operations 2-6
specifying	MCR Operations 3-198
	System Management 10-57
status	MCR Operations 2-18
privileged	Introduction 5-5, Gloss-25
QIO subfunction bit	I/O Drivers 2-9

MASTER INDEX

Terminal (Cont.)

- remote
 - baud rate
 - specifying
- rewinding file open on slave
- slaved
 - running RMD on
 - specifying
- special key
- standard interfaces
- standard QIO function
- status return
- subfunction
- subfunction summary
- teletype
- text
 - deleting
 - displaying
- type
 - half-duplex
 - specifying
 - standard
 - SYSGEN question
- typeahead
 - buffer
 - clearing
- types
- UIC
 - specifying
- unattached
- unit number
- using SHOW TERMINAL command
- video
- virtual

Terminal argument indicator

Terminal characteristics

- setting
- side effects
- virtual terminal

Terminal device

- See also FB\$TRM mask in DEV field

Terminal driver

- loadable
- virtual

Terminal expression indicator

Terminal keyboard

Terminal keypad

Terminal line truncation

Terminal register indicator

Terminating

- RMSBCK utility
- RMSCNV utility
- RMSDEF utility
- RMSDES utility
- RMSDSP utility

MCR Operations 3-200

- MCR Operations 3-200
- System Management 10-57
- I/O Operations 4-18
- Introduction 5-2, Gloss-30
- Command Language 3-41
- Command Language 3-2
- MCR Operations 2-19
- System Management 6-2
- MCR Operations 3-205
- System Management 10-59
- I/O Drivers 2-30 to 2-31
- I/O Drivers 3-2
- I/O Drivers 2-7
- I/O Drivers 2-23 to 2-27
- I/O Drivers 3-7, 3-9
- I/O Drivers 2-11
- I/O Drivers 2-3

MCR Operations 2-15

MCR Operations 4-23 to 4-24, 4-26

I/O Drivers 2-17

MCR Operations 3-209

System Management 10-62

MCR Operations 3-209

System Management 10-62

MCR Operations 3-209

System Management 10-62

System Generation 3-58, 3-60 to 3-62

MCR Operations 2-18

Program Development 1-12

- MCR Operations 3-213
- System Management 10-64
- MCR Operations 2-18
- MCR Operations 2-22
- EDT Editor 9-17
- Introduction 1-1, 1-9, 5-9
- Introduction 5-11, Gloss-36
- I/O Drivers 4-1
- PDP-11 MACRO-11 3-2
- I/O Drivers 2-13 to 2-15
- I/O Drivers 2-21
- I/O Drivers 2-41, 3-32
- I/O Drivers 4-6
- RMS-11 User's Guide A-1

- I/O Drivers 3-33
- I/O Drivers 4-1
- PDP-11 MACRO-11 3-2
- Command Language 3-1, 3-11
- Command Language 3-1, 3-17
- I/O Drivers 3-30
- PDP-11 MACRO-11 3-2

- RMS-11 Utilities 6-2
- RMS-11 Utilities 4-4
- RMS-11 Utilities A-5
- RMS-11 Utilities 2-2, 2-9, 2-12
- RMS-11 Utilities 5-2

MASTER INDEX

Terminating (Cont.)	
RMSIFL utility	RMS-11 Utilities 3-2
processing	RMS-11 Utilities 3-12
RMSRST utility	RMS-11 Utilities 7-2
Terminating directive	
See .END directive	
Terminator	
stream records	RMS-11 Introduction 3-4
	RMS-11 User's Guide 2-16
Test configuration	
IOX	
pattern altering	System Management 4-46
pattern displaying	System Management 4-46
setup	System Management 4-6
.TEST directive	MCR Operations 4-51
example	MCR Operations 4-52
format	MCR Operations 4-51
\$TESTBITS macro	RMS-11 Macros 2-17
.TESTDEVICE directive	MCR Operations 4-52
example	MCR Operations 4-53
format	MCR Operations 4-52
.TESTFILE directive	MCR Operations 4-53
example	MCR Operations 4-54
format	MCR Operations 4-53
.TESTPARTITION directive	MCR Operations 4-54
example	MCR Operations 4-54
format	MCR Operations 4-54
Text	
buffer	Program Development 1-3
deleting	MCR Operations 2-15
displaying	MCR Operations 4-23 to 4-24, 4-26
editor	Program Development 1-3 to 1-4
See also EDI editor, EDT editor	
file	
Text buffer	Introduction Gloss-33
automatically created	EDT Editor 1-2
copying files from	EDT Editor 6-6
copying files into	EDT Editor 7-13, 7-22
creating additional	EDT Editor 7-10
deleting contents of	EDT Editor 6-6
for inserting text	EDT Editor 7-2
for moving entity	EDT Editor 2-32, 7-11
listing	EDT Editor 8-7
MAIN	EDT Editor 9-15
moving cursor throughout	EDT Editor 1-2, 2-1, 6-5
PASTE	EDT Editor 5-20
range specification	EDT Editor 1-2, 2-1, 6-5
restriction	EDT Editor 6-11
rules for naming	EDT Editor 6-6
use of	EDT Editor 6-6
Text Editor and Corrector	EDT Editor 2-1
See TECO editor	
Text entity	EDT Editor 8-2
Text information record	Task Builder A-11 to A-12
format	Task Builder A-12
Throughput	Introduction 5-2, Gloss-34
improving TKB	Task Builder F-1
THRU	
range specification	EDT Editor 2-30, 6-10
\$TI	
predefined syntax element in	
MML	System Management 12-45
TI command	EDT Editor 8-24
TI:	
Pseudo device	Command Language 5-6
<TICLPP> symbol	MCR Operations 4-11

MASTER INDEX

<TICWID> symbol
 %TIM
 \$TIM (Time conversion)
 \$TIME
 predefined syntax element in
 MML
 Time
 displaying
 of IOX exercise
 setting
 system
 Time buffer format
 TIME command
 command line format
 example
 VMR
 command line format
 example
 Time conversion
 time (\$TIM)
 Time handling function
 /TIME keyword
 INSTALL command
 RUN command
 /TIME qualifier
 JOB command
 Time sharing
 Time-synchronized initiation
 requests
 <TIME> symbol
 Timeout
 count
 initial
 mode
 Timeout entry point
 overview
 TIMER option
 SET command
 CON
 <TIMOUT> symbol
 /TIS
 <TISPED> symbol
 .TITLE directive

 <TITYPE> symbol
 TKB

 See also Task Builder
 /CR
 /CROSS_REFERENCE
 /DA
 /DEBUG
 error

 /FAST
 fast version
 GBLPAT option
 generating
 cross-reference listing
 map
 full
 standard

MCR Operations 4-12
 Error Logging 5-25
 System Library 6-3

 System Management 12-42

 MCR Operations 3-225
 System Management 10-72
 System Management 4-55
 MCR Operations 3-225
 System Management 10-72
 Command Language 2-1, 8-1 to 8-2,
 9-31, 9-37
 Executive 5-95
 MCR Operations 3-225
 MCR Operations 3-225
 MCR Operations 3-226
 System Management 10-72
 System Management 10-72
 System Management 10-72

 System Library 6-3
 Error Logging 5-25

 MCR Operations 3-100
 MCR Operations 3-157

 Batch and Queue 3-4
 Introduction 5-2, Gloss-34

 Executive 5-51
 MCR Operations 4-14

 MCR Operations 4-33
 Writing I/O Driver 4-40
 MCR Operations 4-33

 Writing I/O Driver 2-5

 System Management 15-24
 MCR Operations 4-10
 Crash Dump Analyzer 2-2
 MCR Operations 4-12
 PDP-11 MACRO-11 6-15
 Program Development 2-3, 2-5, 6-7
 MCR Operations 4-12
 Command Language 6-1, 6-62 to
 6-89, B-2
 Program Development 1-5 to 1-6

 Program Development 1-8, 4-6, 5-2
 Program Development 1-8, 4-5, 5-1
 Program Development 5-2
 Program Development 5-1
 Program Development 4-2, 4-8 to
 4-9
 Program Development 4-4
 Program Development 4-4
 ODT 8-2

 Program Development 4-5 to 4-6

 Program Development 4-7
 Program Development 4-5 to 4-6

MASTER INDEX

TKB (Cont.)	
/INCLUDE	Program Development 6-7 to 6-9
input	Program Development 1-5 to 1-6
/LB	Program Development 6-7 to 6-9,
	7-8
/LIBRARY	Program Development 6-8 to 6-9,
	7-8
LINK command	
DCL	Program Development 1-5, 4-1, 5-1,
	5-9, 6-7
linking	
ODT	ODT 1-2
ODTID	ODT 1-3
supervisor libraries	ODT 1-4
/LONG	Program Development 4-7
/MAP	Program Development 4-5, 4-7, 5-1,
	5-9, 6-7 to 6-9
/NOTASK	Program Development 4-5
/NOWIDE	Program Development 4-5
object library	
designation	Program Development 6-4 to 6-5
use	Program Development 6-8 to 6-9
options	Command Language 6-76 to 6-79,
	6-86
output	Program Development 1-6
/PM	Program Development 5-9
/POSTMORTEM	Program Development 5-9
search of system library	
default	Program Development 1-11
/-SH	Program Development 4-7
slow	
to improve performance	Task Builder F-11
specifying	
debugger	ODT 8-1
symbol	
undefined	Program Development 4-2
/SYSTEM_LIBRARY_DISPLAY	Program Development 4-7
/TASK	Program Development 5-1, 6-7 to
	6-9
TKB command	
MCR	Program Development 1-5, 4-1, 5-2,
	5-9, 6-7
transfer (starting) address	
default	Program Development 4-3
UNITS option	ODT 6-2
/-WI	Program Development 4-6
TKB command	
MCR	Program Development 1-5, 4-1, 5-2,
	5-9, 6-7
See also TKB	
TKS field in KEY block	
DISPLAY operation	RMS-11 Macros 5-31
offset	RMS-11 Macros 6-68
OPEN operation	RMS-11 Macros 5-81
summary	RMS-11 Macros 6-93
\$TKTCB	
pointer to current TCB	Writing I/O Driver 6-7
TKTN	Command Language 7-19 to 7-21
	Executive 5-8
	MCR Operations 3-3
	Program Development 4-8
	MCR Operations 3-5, A-1
	Program Development 1-7
abort message	System Generation 3-51
error message	
using with PMD	Utilities 8-22
TM/TMA/TMB11 controller	
SYSGEN question	
/TM02 switch	
DSC utility	

MASTER INDEX

TM02/03 formatter
 SYSGEN question
 TOC symbolic argument
 TOF command
 EDI editor
 TOP command
 EDI editor
 TOP function
 /TOP keyword
 SET command
 VMR
 TOP OF FILE command
 EDI editor
 TPARS
 calling conventions
 options word
 programming examples
 register usage
 subexpressions
 /TR file switch
 PRI command
 SUB command
 /TR keyword
 MOUNT command
 /TR switch
 Indirect
 PIP utility
 RMSCNV utility
 RMSIFL utility
 SLP utility
 Trace mode
 Trace program
 listing
 format
 Tracing fault

 Track
 See also Placement control
 TRANS macro
 Transaction file
 account block linkages
 account blocks
 system account block (SAB)
 task account block (TAB)
 transaction account blocks
 user account block (UAB)
 accumulation fields
 block diagrams
 card reader job data
 card reader spooling block
 crash recovery block
 device allocation,
 deallocation, or dismount
 data
 device mount data
 device statistics block
 device usage data
 disk accounting block
 example
 header area
 in DATATRIEVE-11
 invalid login block
 logon data
 offset definitions
 print despooler block
 print job data
 SAB

 System Generation 3-35
 PDP-11 MACRO-11 6-12

 Utilities 2-19, 2-47
 EDT Editor 8-24
 Utilities 2-20, 2-47
 EDT Editor 2-9, 5-21

 MCR Operations 3-210
 System Management 10-63

 Utilities 2-19, 2-47
 I/O Operations 7-1 to 7-11, 7-14
 I/O Operations 7-12
 I/O Operations 7-12
 I/O Operations 7-15 to 7-18
 I/O Operations 7-12
 I/O Operations 7-19

 Batch and Queue 2-6
 Batch and Queue 3-17

 MCR Operations 3-127
 Task Builder 10-50
 MCR Operations 4-19
 Utilities 3-40
 RMS-11 Utilities 4-13
 RMS-11 Utilities 3-7, 3-11
 Utilities 13-15
 MCR Operations 4-33
 ODT 8-2

 ODT 8-2
 Writing I/O Driver 6-8, 6-12 to
 6-13
 RMS-11 Introduction 2-1

 I/O Operations 7-4

 System Management 17-40
 System Management 17-3, 17-21
 System Management 17-3
 System Management 17-3
 System Management 17-3
 System Management 17-3
 System Management 17-35
 System Management 17-24
 System Management 17-3
 System Management 17-38
 System Management 17-37

 System Management 17-2
 System Management 17-2
 System Management 17-39
 System Management 17-3
 System Management 17-37
 System Management 17-13
 System Management 17-34
 System Management 17-17
 System Management 17-37
 System Management 17-2
 System Management 17-34
 System Management 17-38
 System Management 17-2
 Writing I/O Driver A-5

MASTER INDEX

Transaction file (Cont.)
 set accounting block
 size
 system account block
 system data
 system time change
 system time change block
 TAB
 task data
 UAB
 user account block
 user data

Transfer
 address
 defining
 program
 system treatment of default
 address entry
 /TRANSFER file qualifier
 PRINT command
 SUBMIT command

Transition
 defining
 rejecting

Translation
 EBCDIC
 installation-dependent routines
 magtape

Translation table
 DCL

EBCDIC

Translator

Transparent

Transparent spooling
 definition
 EDT editor
 WRITE command

Trap
 See also SST
 AST
 handling
 SST
 system

Tree
 applying autoload indicator
 calling segments in
 calling up-tree segments
 multiple
 defined
 defining
 structure

Tree structure
 indexed file organization

.TRLUN
 reserved global symbol

.TRNCL

<TRUE> symbol

\$TRUNCATE macro

Truncate mode

System Management 17-37
 System Management 17-5
 System Management 17-36
 System Management 17-2
 System Management 17-3
 System Management 17-38
 Writing I/O Driver A-5
 System Management 17-1
 Writing I/O Driver A-5
 System Management 17-35
 System Management 17-1

Task Builder A-6
 Program Development 2-7
 PDP-11 MACRO-11 6-39
 Program Development 4-3, 4-8
 Task Builder A-6

Batch and Queue 2-6
 Batch and Queue 3-17

I/O Operations 7-3
 I/O Operations 7-6, 7-18

I/O Operations G-17 to G-18
 I/O Operations G-17
 I/O Operations G-17

System Management 12-6 to 12-12,
 12-17 to 12-20, 12-46 to
 12-47
 I/O Operations G-17 to G-18
 Introduction Gloss-34
 Introduction 4-2, Gloss-34
 System Management 7-1
 Batch and Queue Gloss-9

Batch and Queue 2-1
 ODT 1-5 to 1-6, 2-11, 5-5, A-2

Executive 2-4
 ODT 2-11, 5-5
 Executive 2-4
 Executive 2-4
 I/O Drivers 1-12

Task Builder 4-2
 Task Builder 4-6
 Task Builder 4-6

Task Builder 3-30
 Task Builder 3-31
 Task Builder 3-18, 3-32

RMS-11 Introduction 3-7

Task Builder E-2
 I/O Operations 4-22
 MCR Operations 4-10
 RMS-11 Macros 5-122
 MCR Operations 4-33

MASTER INDEX

TRUNCATE operation

- and shared access
- sequential files
- \$TRUNCATE macro

Truncating
command

Truncation
byte storage
floating-point
line

- EDT editor
- print line
- RMSCNV utility
- RMSIFL utility
- terminal line

TRUNCATION argument

Truncation of file
PUT\$

TS11 magtape
SYSGEN question

/TSK
.TSK file type

\$\$TSKP
reserved PSECT name

TSKV option
\$TSPAR routine

\$TST
predefined syntax element in
MML

TST macro
MML

\$TSTBF routine
\$TSTNOT

- predefined syntax element in
MML

TSV05 magtape
SYSGEN question

TT-type line interface
SYSGEN question

TTM symbolic argument
TU16/45/77 magtape

SYSGEN question
TU58

TU58 controller
SYSGEN question

TU80 magtape
SYSGEN question

Two's complement operator
Two-byte signed integer key
Two-byte unsigned binary key

TYPE
Implied (Null)
line editing
nokeypad editing
RMSDES utility

Type
file
TYPE command

DCL
EDI editor

RMS-11 Introduction 4-4
RMS-11 User's Guide 1-15
RMS-11 Macros 4-11
RMS-11 User's Guide 2-6
RMS-11 User's Guide 3-12
RMS-11 Macros 5-122

Introduction 1-12, 2-4

PDP-11 MACRO-11 6-23
PDP-11 MACRO-11 6-34

Introduction 2-16
I/O Drivers 10-7
RMS-11 Utilities 4-13
RMS-11 Utilities 3-7
I/O Drivers 3-30
PDP-11 MACRO-11 8-10

I/O Operations 2-9

System Generation 3-45
Crash Dump Analyzer 2-2
Program Development 4-1

Task Builder E-4
Task Builder 11-37
Writing I/O Driver 7-39

System Management 12-45

System Management 12-39
Writing I/O Driver 1-14, 7-40

System Management 12-45

System Generation 3-45

System Generation 3-58
PDP-11 MACRO-11 6-12

System Generation 3-35
I/O Drivers 7-1

System Generation 3-48

System Generation 3-45
PDP-11 MACRO-11 3-4
RMS-11 User's Guide 6-4
RMS-11 User's Guide 6-5

EDT Editor 7-12
EDT Editor 8-13
RMS-11 Utilities 2-38

RMS-11 User's Guide A-3
EDT Editor 2-22, 2-26, 2-30, 7-20
Introduction 1-12, 1-14, 2-15,
2-17, 3-7
Command Language 4-50 to 4-52,
9-46
Program Development 3-6, 4-6, 7-4
Program Development 2-13 to 2-14,
2-17

MASTER INDEX

TYPE command (Cont.)

- EDT editor
- WHOLE
- Type command
 - EDI editor
- /TYPE keyword
 - ALLOCATE command
- Type switch
- Typeahead
 - buffer
 - clearing
 - option
- /TYPEAHEAD keyword
 - SET command
 - VMR
- Type-code
- Typing mistake
- Typographical error
 - correcting with DEL C and UND C

U

- U command
- U error
 - marking undefined symbol
 - summary
- U.ST2
- U.STS
- U.xxx offsets
 - in UCB
- UAB
 - Resource Accounting
- UBF field in RAB
 - CONNECT operation
 - GET operation
 - offset
 - PUT operation
 - READ operation
 - summary
- UC ON/OFF command
 - EDI editor
- /UCB
- UCB
 - association with SCB
 - composite arrangement
 - details
 - device-dependent values
 - device-specific characteristics
 - disk geometry calculations
 - enabling driver to access data
 - structures
 - fields
 - format
 - layout
 - length
 - stored in DCB
 - ordering
 - overview
 - pointer
 - to associated DCB
 - to I/O structures
 - to start of this UCB
 - table

- Introduction 2-4, 2-8, 2-15
- EDT Editor 2-22

Utilities 2-47

- Batch and Queue 3-14
- MCR Operations 3-12
- Error Logging 3-7, 3-9
- I/O Drivers 2-37

- MCR Operations 2-18
- MCR Operations 3-212
- System Management 10-64

- MCR Operations 3-212
- System Management 10-64
- Task Builder 2-5, 2-7
- Introduction 1-8 to 1-9

- EDT Editor 5-27

- ODT 2-11
- PDP-11 MACRO-11 3-8 to 3-9, 3-15, 6-20 to 6-21, 7-20
- PDP-11 MACRO-11 6-21
- PDP-11 MACRO-11 D-4
- Writing I/O Driver 4-32
- Writing I/O Driver 4-31
- Writing I/O Driver 4-27 to 4-37
- Writing I/O Driver A-5
- System Management 17-3
- RMS-11 Macros 4-7, 4-13
- RMS-11 Macros 5-6
- RMS-11 Macros 5-61, 5-64, 5-67
- RMS-11 Macros 6-115
- RMS-11 Macros 5-92, 5-96
- RMS-11 Macros 5-98, 5-100
- RMS-11 Macros 6-143

Utilities 2-48

- Crash Dump Analyzer 2-2
- Writing I/O Driver 1-13 to 1-14
- Writing I/O Driver 2-7
- Writing I/O Driver 2-13
- Writing I/O Driver 4-27 to 4-37
- Writing I/O Driver 4-29
- Writing I/O Driver 4-32 to 4-35
- Writing I/O Driver B-2
- Writing I/O Driver 2-3
- Writing I/O Driver 4-27
- Writing I/O Driver 4-27 to 4-37
- Writing I/O Driver 4-28
- Writing I/O Driver 4-3
- Writing I/O Driver 2-3
- Writing I/O Driver 4-3
- Writing I/O Driver 2-3
- Writing I/O Driver 4-29
- Writing I/O Driver 2-3
- Writing I/O Driver 4-29

MASTER INDEX

UCB
 table (Cont.)
 composite arrangement
 validation during LOAD
 UCBD\$
 UCBSV
 usage in macro calls
 UDA50
 UDC
 device-specific QIO
 direct access
 FORTRAN interface
 FORTRAN subroutine summary
 standard QIO
 status return
 UDC11
 UETP
 console dialog example
 environment needed to run
 error message
 LOGGER.TSK
 NULL.TSK
 QTRUN.TSK
 system configuration module
 error reporting
 load test
 purpose
 modules
 operating procedures
 requirements in RSX-11M-PLUS
 running
 IOX
 utilities
 structure
 testing
 interactive utilities
 MCR commands
 /UF switch
 PIP utility
 UFD

 allocating space
 contents
 creating

 PIP utility
 default

 definition
 deleting
 format
 listing file
 PIP utility
 name
 protecting
 system
 example
 validating

 Writing I/O Driver 2-15
 Writing I/O Driver 5-13
 Crash Dump Analyzer C-65
 Writing I/O Driver A-64 to A-71

 Writing I/O Driver 4-8
 I/O Drivers 5-4
 I/O Drivers 15-1
 I/O Drivers 15-3 to 15-9
 I/O Drivers 15-10
 I/O Drivers 15-15
 I/O Drivers 15-17 to 15-31
 I/O Drivers 15-3
 I/O Drivers 15-32 to 15-34
 I/O Drivers 15-1, 18-3
 System Generation 4-3
 System Management 9-7
 System Management 9-3
 System Management 9-5
 System Management 9-5
 System Management 9-6
 System Management 9-6
 System Management 9-5
 System Management 9-4

 System Management 9-2
 System Management 9-1
 System Management 9-4
 System Management 9-3
 System Management 9-4
 System Management 9-2
 System Management 9-2
 System Management 9-1

 System Management 9-3
 System Management 9-3

 Utilities 3-41
 Introduction 1-13 to 1-14, 3-2,
 5-12, Gloss-11, Gloss-34 to
 Gloss-35
 Command Language 4-1, 5-11, 5-65
 MCR Operations 2-2
 MCR Operations 3-227
 MCR Operations 2-2
 Command Language 4-11
 MCR Operations 2-2, 3-227
 Utilities 3-41
 Command Language 4-3, 4-77 to
 4-79, 5-72, 9-31
 MCR Operations 2-2
 System Management B-1
 MCR Operations 2-2
 MCR Operations 2-2

 Utilities 3-24
 MCR Operations 2-2
 MCR Operations 3-227

 System Management B-3 to B-4
 Utilities 9-5

MASTER INDEX

UFD command	MCR Operations 3-227
command line format	MCR Operations 3-227
error message	MCR Operations 3-228
example	MCR Operations 3-228
keyword	
/ALLOC	MCR Operations 3-227
/PRO	MCR Operations 3-227
UFD conventions in command line	Task Builder 1-9
/UFD qualifier	
BRU utility	Utilities 7-21
/UI switch	
FLX utility	Utilities 4-8
\$UIC	
predefined syntax element in	
MML	
UIC	System Management 12-42
	Introduction 1-13 to 1-14,
	Gloss-35
	Command Language 3-3 to 3-4, 4-2
	MCR Operations 2-5
authorized	System Management 2-1
contained in account entry	System Management 2-1, 2-5, 2-7
declaring in task	Task Builder 11-38
DECnet	MCR Operations 3-192
	System Management 10-53
default	I/O Operations 4-4
	MCR Operations 3-213
displaying	System Management 10-64
distinction by password	System Management 2-4
library	System Management 2-1
	MCR Operations 3-186
option	System Management 10-50
setting	Task Builder 11-38
nonprivileged	
privileged	MCR Operations 2-6
system	MCR Operations 2-6
	MCR Operations 3-208
task	System Management 10-61
	MCR Operations 3-158
terminal	System Management 10-25
	MCR Operations 3-213
UIC conversion	System Management 10-64
ASCII to binary	
binary to ASCII	I/O Operations 4-7
/UIC keyword	I/O Operations 4-7
HOME command	
INI command	MCR Operations 3-76
INSTALL command	MCR Operations 3-86
VMR	
MOUNT command	System Management 10-25
RUN command	MCR Operations 3-127
VMR	MCR Operations 3-151, 3-158
SET command	System Management 10-37
VMR	MCR Operations 3-213
<UIC> symbol	System Management 10-64
[uic] switch	MCR Operations 4-14
QUE /LI command	
\$UICE	Batch and Queue 2-16
predefined syntax element in	
MML	
\$ULA (Universal library)	System Management 12-42
ULGF\$\$	System Library B-1
UMAP\$	Executive 5-206
UMB control block	Executive 5-207
Shadow Recording	
UMDIO\$	System Management 18-9
	I/O Drivers 1-31

MASTER INDEX

UMR

See also UNIBUS Mapping Register

programming procedures

/UN switch

PIP utility

Unary operator

radix control

evaluation of multiple

macro call use

one's complement

one-word floating-point

precedence over binary

Radix-50 control

universal

UNB command

UNBLOCK command

command line format

example

keyword

/TERM

Unbundled

Unconditional assembly

UND C function

UND L function

UND W function

UNDC command

Undefined record format

See also FB\$UDF code in RFM field

Undefined symbol

See also U error

Undeleting

buffer contents after system failure

characters (keypad)

characters (nokeypad)

lines

keypad

lines (keypad)

lines (nokeypad)

PASTE (keypad)

PASTE (nokeypad)

REPLACE (line editing)

words (keypad)

words (nokeypad)

Underline (_)

ODT

Underscore (_)

Underscore (_) command

UNDL command

UNDW command

Unexpected traps or interrupts

UNF command

VMR

UNFIX command

command line format

error message

example

keyword

/REG

/RON

VMR

Writing I/O Driver 7-2 to 7-5

Utilities 3-42

PDP-11 MACRO-11 3-4

PDP-11 MACRO-11 3-5, 6-31 to 6-33

PDP-11 MACRO-11 3-4

PDP-11 MACRO-11 7-5

PDP-11 MACRO-11 3-5, 6-35 to 6-36

PDP-11 MACRO-11 3-5, 6-35 to 6-36

PDP-11 MACRO-11 3-16

PDP-11 MACRO-11 3-5, 6-30

PDP-11 MACRO-11 3-3, 3-5

MCR Operations 3-229

MCR Operations 3-229

MCR Operations 3-229

MCR Operations 3-229

MCR Operations 3-229

Introduction Gloss-35

PDP-11 MACRO-11 6-53

EDT Editor 5-27

EDT Editor 2-16 to 2-17, 5-32

EDT Editor 5-29

EDT Editor 8-24

RMS-11 Introduction 3-4

RMS-11 User's Guide 1-11, 2-17

PDP-11 MACRO-11 3-8

EDT Editor 3-1

EDT Editor 5-27

EDT Editor 8-24

EDT Editor 2-16 to 2-17

EDT Editor 5-32

EDT Editor 8-25

EDT Editor 5-36

EDT Editor 8-15

EDT Editor 7-14

EDT Editor 5-29

EDT Editor 8-24

Program Development 5-2

Command Language 1-9, 3-16

ODT 2-5, 4-5

EDT Editor 8-25

EDT Editor 2-41, 8-24

Error Logging 1-6

MCR Operations 3-230

System Management 10-74

Command Language 7-37 to 7-38, 9-47

MCR Operations 3-230

MCR Operations 3-230

MCR Operations 3-230

MCR Operations 3-230

MCR Operations 3-230

MCR Operations 3-230

System Management 10-74

MASTER INDEX

UNFIX command
 VMR (Cont.)
 command line format
 example
 keyword
 /REG
 /RON
 UNIBUS
 power-fail recovery
 switched bus
 UNIBUS Mapping Registers
 SYSGEN question
 See also UMR
 UNIBUS Run Mask
 See URM
 UNIBUS switch
 See also DT07 bus switch
 Unit
 making accessible
 placing on line
 Unit Control Block
 See UCB
 Unit number
 parameter to NMBLK\$
 Unit status byte
 Unit status change
 entry point
 overview
 Unit status extension 2
 /UNIT switch
 DSC utility
 Unit-record device

 RMSCNV utility
 UNITS keyword
 CON command
 VMR
 DISPLAY command
 CON
 UNITS Task Builder option

 Universal digital controller
 See UDC
 Universal library
 command procedures in
 create
 Universal library file
 inserting module
 LBR utility
 replacing module
 LBR utility
 Universal unary operator
 See also Unary operator
 universal
 UNL command
 VMR
 /UNL keyword
 MOUNT command
 Unlabeled magtape volume

 Unlabeled tape
 example
 file attributes

 System Management 10-74
 System Management 10-74

 System Management 10-74
 System Management 10-74

 I/O Drivers 23-6
 Writing I/O Driver 1-16
 Writing I/O Driver 7-3, 7-5
 System Generation 3-54

 I/O Drivers 23-1

 Writing I/O Driver 5-6
 Writing I/O Driver 5-7

 I/O Operations 2-31
 Writing I/O Driver 4-31

 Writing I/O Driver 4-68 to 4-69
 Writing I/O Driver 2-6
 Writing I/O Driver 4-32

 Utilities 8-22
 RMS-11 Introduction 3-5
 RMS-11 User's Guide 1-18, A-1
 RMS-11 Macros 3-2, 5-20, 5-37,
 5-43, 5-77, 5-88, 5-104,
 5-111, 5-117
 RMS-11 Utilities 4-5

 System Management 10-12

 System Management 15-9
 Task Builder 11-39
 ODT 6-2

 Command Language 6-41
 MCR Operations 4-19
 System Library B-1

 Utilities 10-20

 Utilities 10-27
 PDP-11 MACRO-11 3-3

 MCR Operations 3-231
 System Management 10-75

 MCR Operations 3-128
 Command Language 5-4, 5-35 to
 5-36
 I/O Operations G-15
 I/O Drivers 8-15 to 8-16
 I/O Operations G-12
 I/O Operations G-16

MASTER INDEX

- Unlabeled tape (Cont.)
 - positioning
 - specifying block size
 - specifying carriage control
 - specifying record size
- UNLINK command
 - CON
 - command line format
 - example
- UNLOAD command
 - command line format
 - error message
 - example
 - VMR
 - command line format
 - example
- UNLOCK command
- Unlock Group Global Event Flags
 - directive
- \$UNLPG (unlock page)
- Unmap Address Window directive
- Unmapped
 - system
 - memory layout
- Unnamed program section
 - See Program section
- /UNOVR keyword
 - CLI command
- Unowned device
- UNS command
- UNSave command
 - EDI editor
- Unsolicited input time-out
 - SYSGEN question
- UNSTOP command
 - command line format
 - example
 - keyword
 - /TERM
- Unstop Task directive
- UP function
- /UP switch
 - PIP utility
 - VFY utility
- UPD argument to ORG\$ macro
- Update
 - definition
- \$UPDATE macro
- UPDATE operation
 - and ODLs
 - and record size
 - and shared access
 - and stream records
 - changeable keys
 - declaring with ORG\$ macro
 - deferred write
 - duplicate keys
 - indexed files
 - move mode
 - indexed files
 - relative files
 - sequential files
 - relative files
- I/O Operations G-11, G-16
- I/O Operations G-10
- I/O Operations G-11
- I/O Operations G-12
- System Management 15-27
- System Management 15-27
- System Management 15-27
- MCR Operations 3-231
- MCR Operations 3-231
- MCR Operations 3-231
- MCR Operations 3-231
- System Management 10-75
- System Management 10-75
- System Management 10-75
- Command Language 4-75 to 4-76, 9-47
- Executive 5-206
- System Library 8-31
- Executive 5-207
- Task Builder 2-14
- Task Builder 2-16
- MCR Operations 3-41
- Command Language 5-9, 5-13
- MCR Operations 3-233
- Utilities 2-48
- System Generation 3-27
- MCR Operations 3-233
- MCR Operations 3-233
- MCR Operations 3-233
- MCR Operations 3-233
- Executive 5-209
- EDT Editor 2-10, 5-13
- Utilities 3-42
- Utilities 9-8
- RMS-11 Macros 2-3
- System Generation 3-12
- System Generation 1-12
- RMS-11 Macros 5-124
- RMS-11 Introduction 4-4
- RMS-11 User's Guide 1-15
- RMS-11 Macros 4-11
- RMS-11 User's Guide 8-5
- RMS-11 User's Guide 2-16
- RMS-11 User's Guide 2-6, 2-10
- RMS-11 User's Guide 2-17
- RMS-11 User's Guide 6-10
- RMS-11 Macros 2-3
- RMS-11 User's Guide 7-9
- RMS-11 User's Guide 6-9
- RMS-11 User's Guide 5-14, 7-6, 7-9
- RMS-11 User's Guide 3-14
- RMS-11 User's Guide 7-7 to 7-8
- RMS-11 User's Guide 4-12 to 4-13
- RMS-11 User's Guide 3-13
- RMS-11 User's Guide 4-12

MASTER INDEX

UPDATE operation (Cont.)
 sequential files
 \$UPDATE macro
 /UPDATE switch
 BAD utility
 Uppercase
 /UPPERCASE job qualifier
 SET QUEUE command
 UPPERCASE ON/OFF command
 EDI editor
 /UPPERCASE qualifier
 PRINT command
 URM
 User
 nonprivileged
 privileged
 User account
 new user
 User Account Block

 User batch job
 batch chain
 command
 comment
 creating
 data
 definition
 example
 User buffer
 address
 See UBF field in RAB
 size
 See USZ field in RAB
 User data space
 SYSGEN question
 User defined switch string
 User Environment Test Package
 See UETP
 User File Directory

 See also UFD
 command
 User group
 User I/O function
 User Identification Code
 See UIC
 /USER keyword
 DISMOUNT command
 User mode
 command
 set
 User name
 /USER qualifier
 \$PRINT card
 \$SUBMIT card
 User record buffer
 parameter for FDRC\$A
 size
 User record buffer size
 parameter for FDRC\$A
 User volume labels
 ANSI magtape
 User-controlled partition
 User-defined symbol
 table

 User-mode D-space

 RMS-11 User's Guide 3-12
 RMS-11 Macros 5-124

 Utilities 6-6
 Introduction 1-18

 Batch and Queue 2-21

 Utilities 2-48

 Batch and Queue 2-4
 Writing I/O Driver 1-16, 4-39

 Introduction 5-5, Gloss-25
 Introduction 5-5, Gloss-25

 Release Notes 1-41
 System Management 17-25
 Writing I/O Driver A-5
 Batch and Queue 1-7
 Batch and Queue 1-7
 Batch and Queue 3-2
 Batch and Queue 1-8
 Batch and Queue 3-1
 Batch and Queue 3-2
 Batch and Queue Gloss-9
 Batch and Queue 1-8
 RMS-11 User's Guide 1-14

 System Generation 3-22
 Error Logging 3-28

 I/O Operations 5-2
 System Management B-1

 MCR Operations 3-227
 MCR Operations 2-3
 Error Logging 5-25

 MCR Operations 3-52
 ODT 1-4, 3-2
 ODT 2-11
 ODT 2-11
 Command Language 3-3 to 3-4

 Batch and Queue 3-25
 Batch and Queue 3-25

 I/O Operations 2-9
 I/O Operations 2-10

 I/O Operations 2-10

 I/O Operations G-3
 System Management 14-1
 PDP-11 MACRO-11 3-6 to 3-8
 PDP-11 MACRO-11 2-2, 3-6 to 3-8,
 3-15
 Executive 5-36, 5-107

MASTER INDEX

User-mode diagnostic function
 User-provided interlock
 sharing declaration
 User-specified prompt
 User-supplied driver
 definition
 SYSGEN question
 User-tailored Executive
 definition
 USERCM
 .USLU1
 reserved global symbol
 .USLU2
 reserved global symbol
 %USR
 \$USRTB global label
 USTP\$
 USZ field in RAB
 CONNECT operation
 GET operation
 offset
 PUT operation
 READ operation
 summary
 Utilities
 interactive
 testing in UETP
 RSX-11M
 relationship to RCT
 UETP
 Utilities Manual
 documentation correction
 Utility

See also RMSBCK, RMSCNV,
 RMSDEF, RMSDES, RMSDSP,
 RMSIFL, RMSRST

command line format

editing

 EDI editor

file manipulation

 FLX utility

 PIP utility

file specification

 default

 format

indirect command file

invoking

 DCL

 installed

 MCR

 uninstalled

listed

program maintenance

 CMP utility

 PAT utility

 SLP utility

 ZAP utility

programming

 DMP utility

 LBR utility

RMSBCK

RMSCNV

I/O Drivers 1-30

RMS-11 User's Guide 3-6

RMS-11 User's Guide 2-7

I/O Operations 6-4, 6-10

System Generation 1-12

System Generation 3-65

System Generation 1-10

Error Logging 3-2

Task Builder E-2

Task Builder E-2

Error Logging 5-25

Writing I/O Driver 4-3

Executive 5-209

RMS-11 Macros 4-7, 4-13

RMS-11 Macros 5-6

RMS-11 Macros 5-61, 5-64, 5-67

RMS-11 Macros 6-115

RMS-11 Macros 5-92, 5-96

RMS-11 Macros 5-98, 5-100

RMS-11 Macros 6-144

Command Language 1-17 to 1-19,
 B-1

System Management 9-3

System Management 5-5

System Management 9-2

Release Notes 1-55

Introduction 4-1 to 4-2, Gloss-36

RMS-11 Introduction 5-1

RMS-11 User's Guide 1-12, 2-11

Utilities 1-4

Utilities 1-2

Utilities 1-2

Utilities 1-2

Utilities 1-4

Utilities 1-4

Utilities 1-9

Utilities 1-6

Utilities 1-6

Utilities 1-7

Utilities 1-6

Utilities 1-9

Utilities 1-1

Utilities 15-1

Utilities 1-3

Utilities 1-3

Utilities 1-3

Utilities 1-4

Utilities 1-3

Utilities 1-3

RMS-11 Introduction 5-3

RMS-11 User's Guide 1-12

RMS-11 Introduction 5-2

RMS-11 User's Guide 1-12

MASTER INDEX

Utility (Cont.)

populating files
RMSDES

bucket fill size
bucket size
DEQ

initial allocation

key segments
MRN
placement control
RMSDSP

RMSIFL

populating files
RMSRST

volume maintenance
BAD utility
BRU utility
DSC utility
FMT utility
VFY utility

Utility programs

V

V command

ZAP utility

V register

/V switch

Variable

testing

Variable Receive Data directive

Variable Receive Data Or Exit
directive

Variable Receive Data Or Stop
directive

Variable Send Data directive

Variable Send, Request and
Connect directive

Variable with fixed control
See VFC

Variable-length record
format

magtape
nonsequenced
sequenced

See also FB\$VAR code in RFM
field
and medium

VAX/VMS

See also DCL
remote access

VAX/VMS DCL

VAX/VMS system prompts and CLI

/VB switch

CMP utility

VBN

See also BKT field in RAB

RMS-11 User's Guide 6-26 to 6-27

RMS-11 Introduction 5-1

RMS-11 User's Guide 1-12, 1-18

RMS-11 User's Guide 6-29

RMS-11 User's Guide 4-3, 6-22

RMS-11 User's Guide 3-5, 4-4,
6-26

RMS-11 User's Guide 3-4, 4-4,
6-26

RMS-11 User's Guide 6-7

RMS-11 User's Guide 4-5

RMS-11 User's Guide 6-14

RMS-11 Introduction 5-3

RMS-11 User's Guide 1-12, 1-19

RMS-11 Introduction 5-2

RMS-11 User's Guide 1-12

RMS-11 User's Guide 6-26 to 6-27

RMS-11 Introduction 5-3

RMS-11 User's Guide 1-12

Utilities 1-2

Utilities 1-3

Utilities 1-3

Utilities 1-2

Utilities 1-3

Program Development 1-8 to 1-9

ODT 2-11

Utilities 15-17

ODT 2-7, 5-5

Error Logging 3-7

ODT 2-1

MCR Operations 4-51

Executive 5-210

Executive 5-214

Executive 5-212

Executive 5-216

Executive 5-218

RMS-11 Introduction 3-2

RMS-11 User's Guide 1-11, 2-15

I/O Operations 1-4

I/O Operations 1-4

I/O Operations 1-4

RMS-11 User's Guide 2-15

EDT Editor 2-2

Introduction 1-6

RMS-11 User's Guide B-1, B-3

Command Language 1-19

EDT Editor 2-3

Utilities 12-3

RMS-11 Introduction 2-4

RMS-11 User's Guide 8-11

MASTER INDEX

- VBN (Cont.)
 - access
 - See also BKT field in RAB areas
 - VCB
 - composite arrangement
 - /VE switch
 - FLX utility
 - VEC keyword
 - CON command
 - VMR
 - VEC option
 - SET command
 - CON
 - /VEC switch
 - BAD utility
 - DSC utility
 - Vector
 - addresses
 - definition of in Driver Dispatch Table
 - assignment
 - error
 - setting
 - autoload
 - conventional task
 - eliminating unnecessary I- and D-space
 - I- and D-space format
 - I- and D-space task in region
 - definition
 - floating
 - assignment algorithm
 - in task header
 - extension area format
 - interrupt
 - mode-switching
 - supervisor library
 - supervisor-mode library
 - ODT
 - overlaid region
 - I- and D-space task
 - SST address
 - Vector address
 - BRUSYS default
 - changing
 - determining
 - Vector register
 - reentry
 - Verification
 - device
 - BAD utility
 - file structure
 - VFY utility
 - task image file content
 - See ZAP utility
 - VERIFY command
 - IOX
 - effect on NFS volume
 - VERIFY ON/OFF command
 - EDI editor
 - /VERIFY qualifier
 - BRU utility
 - RMS-11 Introduction 3-12, 4-7
 - RMS-11 User's Guide 1-20
 - RMS-11 User's Guide 6-10
 - Writing I/O Driver 2-15
 - Utilities 4-8
 - System Management 10-15
 - System Management 15-24
 - Utilities 6-9
 - Utilities 8-23
 - Writing I/O Driver 1-1
 - Writing I/O Driver 2-6
 - Writing I/O Driver 5-8
 - Writing I/O Driver 5-6
 - Task Builder 3-20, 4-4
 - Task Builder B-17
 - Task Builder 4-6
 - Task Builder 7-11
 - Task Builder 4-5
 - Task Builder 7-9, B-17
 - Task Builder 5-12
 - System Generation 1-13
 - System Generation E-1
 - Task Builder B-13
 - Writing I/O Driver 1-1, 1-12
 - Task Builder 8-19
 - Task Builder 8-1
 - Task Builder 11-24
 - Task Builder 5-11
 - Task Builder 5-11
 - Task Builder 11-27
 - System Generation 2-7
 - System Management 10-12
 - System Generation 2-1
 - ODT 5-7
 - ODT 2-6
 - Utilities 6-3
 - Utilities 9-1
 - System Management 4-62
 - System Management 4-7
 - Utilities 2-49
 - Utilities 7-22

/VERIFY switch	Utilities 5-9
DSC utility	
FMT utility	
Version	
file	
default	
Version identifier	
See also .IDENT directive	
assembler	
standard	
Version number	
file	
RMSBCK utility	
RMSCNV utility	
RMSDEF utility	
RMSDES utility	
RMSDSP utility	
RMSIFL utility	
RMSRST utility	
SHOW VERSION command	
systems without	
Version number directive	
Vertical fill characters option	
Vertical format control	
line printer	
terminal	
Vertical tab	
\$VEXT	
low-memory context	
reserved global symbol	
VFC carriage control	
See FB\$PRN mask in RAT field	
VFC header buffer address	
See RHB field in RAB	
VFC record	
VFC record format	
See also FB\$VFC code in RFM field	
/VFILL keyword	
SET command	
VMR	
VFY utility	
command line	
error message	
file error reporting	
operation mode	
switch	
summary	
validity check	
/VI keyword	
HOME command	
INI command	
MOUNT command	
Video terminal	
See VT52, VT100	
Virgin system	
bootstrapping and saving	
definition	
saving with /WB switch	
Virtual address space	
Virtual address window	
creating	
Virtual block	
definition of	
	Utilities 5-9
	RMS-11 User's Guide A-3, A-5
	RMS-11 User's Guide A-6
	PDP-11 MACRO-11 6-4
	PDP-11 MACRO-11 E-14
	Introduction 1-14, 3-11
	Command Language 4-3
	RMS-11 Utilities 6-5
	RMS-11 Utilities 4-9
	RMS-11 Utilities A-5
	RMS-11 Utilities 2-16
	RMS-11 Utilities 5-5
	RMS-11 Utilities 3-5
	RMS-11 Utilities 7-5
	EDT Editor 9-17
	EDT Editor 4-5
	PDP-11 MACRO-11 6-16 to 6-17
	MCR Operations 3-214
	System Management 10-64
	I/O Drivers 10-5 to 10-6
	I/O Drivers 2-33, 3-26 to 3-27
	Command Language 3-22
	Task Builder B-10
	Task Builder E-2
	EDT Editor 6-3
	RMS-11 Introduction 3-2
	RMS-11 User's Guide 1-11, 2-16
	MCR Operations 3-214
	System Management 10-64
	I/O Operations 3-12
	Command Language 5-12
	Utilities 9-2
	Utilities 9-11
	Utilities 9-8
	Utilities 9-3
	Utilities 9-4
	Utilities 9-4
	Utilities 9-3
	MCR Operations 3-76
	MCR Operations 3-86
	MCR Operations 3-128
	System Generation 4-1
	System Generation 1-11
	System Generation 4-2
	Executive 3-2
	Executive 3-3
	Executive 5-36
	RMS-11 Introduction 2-3
	I/O Operations 1-3

MASTER INDEX

Virtual block (Cont.)	
magtape	I/O Operations 1-4
reading	I/O Drivers 1-28
writing	I/O Drivers 1-29
Virtual block number	
See BKT field in RAB	
See also VBN	
Virtual I/O	I/O Drivers 1-2
Virtual MCR	
See VMR	
Virtual memory management	System Library 8-1
See also Memory management	
address conversion (\$CVRL)	System Library 8-24
\$ALBLK routine	System Library 8-10
allocate (\$ALVRT)	System Library 8-16
allocate small virtual block (\$ALSVB)	System Library 8-18
\$ALSVB routine	System Library 8-19
\$ALVRT routine	System Library 8-17
core allocation	System Library 8-8
core blocks request (\$RQVCB)	System Library 8-20
\$CVLOK routine	System Library 8-24
\$CVRL routine	System Library 8-25
error handling	System Library 8-2
\$EXTSK routine	System Library 8-14
find page (\$FNDPG)	System Library 8-27
\$FNDPG routine	System Library 8-28
\$GTCOR routine	System Library 8-12
initialize (\$INIVM)	System Library 8-5
\$IVIVM routine	System Library 8-7
\$LCKPG routine	System Library 8-31
library	Program Development 1-11
library file	System Library 8-4
lock page (\$LCKPG)	System Library 8-30
memory storage	
allocate block (\$ALBLK)	System Library 8-9
extend task (\$EXTSK)	System Library 8-13
get core (\$GTCOR)	System Library 8-11
page lock (\$CVLOK)	System Library 8-22
\$RDPAG routine	System Library 8-27
read page (\$RDPAG)	System Library 8-26
\$RQVCB routine	System Library 8-21
task builder requirements	System Library 8-3
unlock page (\$UNLPG)	System Library 8-31
\$UNLPG routine	System Library B-32
write marked page (\$WRMPG)	System Library 8-28
write page (\$WRPAG)	System Library 8-14
\$WRMPG routine	System Library 8-29
\$WRPAG routine	System Library 8-15
Virtual Monitor Console Routine	
See VMR	
Virtual terminal	
creating	Introduction 5-11
definition	Executive 5-62 to 5-63
device-specific QIO	I/O Drivers 4-1
login UIC	Executive 5-45
default	Batch and Queue Gloss-9
privileged user	I/O Drivers 4-2, 4-5
SYSGEN question	
Virtual-to-logical block mapping	Batch and Queue 3-1
optimizations	Batch and Queue 3-1
VMLIB.OLB	System Generation 3-27
VMR	
changing system parameters	RMS-11 User's Guide 8-11
	Program Development 1-11
	Command Language 6-40
	System Management 10-1
	System Generation 4-8

MASTER INDEX

VMR (Cont.)

command	
line	System Management 10-4
comment in	System Management 10-5
name	System Management 10-4
parameter	System Management 10-4
summary	System Management 10-5
diagnostic messages	System Generation 3-76
error message	System Management 10-76
file specification	System Management 10-3
/IM switch	System Management 10-4
indirect command file	System Management 10-3
keyword	System Management 10-4
relationship with MCR	System Management 10-1
starting	System Management 10-1
terminating	System Management 10-3
VMSTIME	Error Logging 5-7
/VOL keyword	
MOUNT command	MCR Operations 3-129
Volatile register dump	Crash Dump Analyzer 3-1 to 3-2
Volume	Introduction 5-5, 5-12, Gloss-36
	Command Language 4-1, 5-3 to 5-4,
	5-26 to 5-27, 5-29 to 5-42
	MCR Operations 2-1
advancing to next	
See NXTVOL operation	
backing up	Utilities 7-1
BRU utility	
compressing	Utilities 8-3
DSC utility	MCR Operations 3-127
dedicating	
density	MCR Operations 3-122
specifying	
directory listing	Utilities 4-7
FLX utility	Command Language 5-3 to 5-4, 5-38
disk	MCR Operations 3-51
dismounting	
displaying free space	Utilities 3-23
PIP utility	Utilities 9-5
VFY utility	
examining data	Utilities 11-1
DMP utility	
file	
deleting	Utilities 4-7
FLX utility	
recovering lost	Utilities 9-6
VFY utility	
transferring	Utilities 4-4
FLX utility	MCR Operations 2-1
Files-11	
bad block	MCR Operations 3-80
entering	MCR Operations 3-79
marking	
default protection	MCR Operations 3-75, 3-86, 3-126
specifying	
directory	MCR Operations 3-74, 3-84, 3-124
accessing	
home block	MCR Operations 3-73
modifying	MCR Operations 3-78
initializing	
label	MCR Operations 3-75
overriding	MCR Operations 3-75, 3-79
specifying	MCR Operations 3-84
level	
owner	MCR Operations 3-75 to 3-76, 3-85
specifying	to 3-86

MASTER INDEX

Volume

Files-11 (Cont.)

- preparing
- protecting with TEMPORARYFILE
- supported
- foreign

- accessing
- specifying

- formatting
- FLX utility
- FMT utility

- information
- displaying

- initializing
- BRU utility
- FLX utility

- label
- overriding

- listing file-ID
- VFY utility

- locating bad block

- BAD utility
- FMT utility
- VFY utility

- magtape
- labeled

- unlabeled

- mounted
- mounting

- ACP
- specifying
- multiple times
- operator assistance
- requesting

NFS

- block range altering
- block range display
- list of parameter commands
- for
- retries upon error
- selecting
- with IOX
- with VERIFY

- owner
- specifying

- private
- protection
- public

- accessing

- recovering
- lost block
- VFY utility
- lost file
- VFY utility

- space
- DSC utility

- restoring
- BRU utility

- selecting
- Files-11 for IOX
- NFS for IOX
- shareable

- MCR Operations 2-1
- System Management 4-61
- MCR Operations 2-1
- Command Language 5-9 to 5-10, 5-12 to 5-13, 5-26, 5-29

- MCR Operations 2-1
- MCR Operations 2-1
- MCR Operations 3-123

- Utilities 4-4
- Utilities 5-1

- MCR Operations 3-128

- Utilities 7-17
- Utilities 4-2

- MCR Operations 3-125

- Utilities 9-6

- Utilities 6-1
- Utilities 5-1
- Utilities 9-7

- RMS-11 Introduction 2-5
- Command Language 5-4, 5-35 to 5-36
- Command Language 5-4, 5-35 to 5-36

- Command Language 5-9, 5-13
- MCR Operations 3-117

- MCR Operations 3-121
- MCR Operations 3-127

- MCR Operations 3-129

- System Management 4-50
- System Management 4-50

- System Management 4-8
- System Management 4-54

- System Management 4-56
- System Management 4-62

- MCR Operations 3-127
- MCR Operations 3-118
- Command Language 4-9
- MCR Operations 3-118
- MCR Operations 3-126

- Utilities 9-7

- Utilities 9-6

- Utilities 8-3

- Utilities 7-1

- System Management 4-7
- System Management 4-7
- Command Language 5-31, 5-38

MASTER INDEX

Volume (Cont.)
 shared
 unmounted
 accessing
 verifying
 block
 VFY utility
 write-enabled
 specifying
 Volume Control Block
 See VCB
 Volume Home Block

 Volume Identifier
 See also Volume-ID
 specifying
 Volume label
 Volume label switch
 Volume protection
 Volume set control block
 Volume valid processing
 Volume-ID
 VOLUMECHECK command
 IOX
 VRCD\$
 VRCS\$
 VRCX\$
 VS60
 VSDA\$
 VSECT option
 VSRC\$
 VT05B
 VT100

 CHAR function
 EDT editing
 escape sequence format
 FILL function
 HELP text
 keyboard and keypad
 keypad editing
 keypad number
 nokeypad editing
 select range
 SET KEYPAD
 SET NOKEYPAD
 SET SCREEN
 SET TERMINAL
 SHOW TERMINAL
 VT101
 VT102
 VT105
 VT11
 VT131
 VT50
 VT50H
 VT52

 EDT editing
 FILL function
 HELP text
 keypad editing
 keypad number
 nokeypad editing
 select range

 MCR Operations 3-118

 MCR Operations 3-117
 Utilities 9-1

 Utilities 9-7

 MCR Operations 3-130

 Command Language 5-11, 5-47 to
 5-59, 9-18, 9-20
 MCR Operations 3-119

 MCR Operations 3-129
 Command Language 5-28
 Error Logging 3-7
 Command Language 5-38, 5-52, 5-58
 Crash Dump Analyzer C-35
 Writing I/O Driver 4-70
 Command Language 5-38 to 5-40

 System Management 4-63
 Executive 5-210
 Executive 5-212
 Executive 5-214
 I/O Drivers 20-1
 Executive 5-216
 Task Builder 11-40
 Executive 5-218
 I/O Drivers 2-5, 3-3
 Introduction 1-3, 1-16 to 1-17
 Command Language 3-1, 3-14
 I/O Drivers 2-5, 3-4
 EDT Editor 5-16
 EDT Editor 1-9
 I/O Drivers 2-31
 EDT Editor 5-49
 EDT Editor 1-4
 EDT Editor 1-6
 EDT Editor 1-2, 2-4, 5-4
 EDT Editor 10-3
 EDT Editor 2-36, 8-1
 EDT Editor 2-12, 5-33
 EDT Editor 9-5
 EDT Editor 9-5
 EDT Editor 9-6
 EDT Editor 9-12
 EDT Editor 9-17
 I/O Drivers 2-6
 I/O Drivers 2-6
 I/O Drivers 2-6
 I/O Drivers 20-1
 I/O Drivers 2-6
 I/O Drivers 2-5, 3-3
 I/O Drivers 2-5, 3-3
 Introduction 1-2, 1-16 to 1-17
 Command Language 3-1, 3-14, 3-18
 I/O Drivers 2-5, 3-4
 EDT Editor 1-9
 EDT Editor 5-49
 EDT Editor 1-4
 EDT Editor 1-2, 2-4, 5-3
 EDT Editor 10-3
 EDT Editor 2-36, 8-1
 EDT Editor 2-12, 5-33

MASTER INDEX

VT52 (Cont.)
 SET KEYPAD
 SET NOKEYPAD
 SET SCREEN
 SET TERMINAL
 SHOW TERMINAL

VT55

VT61

VT:

pseudo device

W

W command
 W register
 /W switch
 W.NLEN
 W.NOFF
 WAIT command
 IOX
 .WAIT directive
 example
 format
 Wait For Logical OR Of Event
 Flags directive
 Wait For Significant Event
 directive
 Wait For Single Event Flag
 directive
 /WAIT keyword
 MOUNT command
 \$WAIT macro
 RSTS/E
 WAIT operation
 block stream
 record stream
 \$WAIT macro
 WAIT\$
 WAIT\$ macro call
 format
 parameters
 \$WALFN
 predefined syntax element in
 MML
 /WB keyword
 SAVE command
 WCC field in NAM block
 offset
 PARSE operation
 SEARCH operation
 summary
 /WCHK keyword
 SET command
 VMR
 /WCHK switch
 BAD utility
 /WD switch
 DMP utility
 WDB
 assigned setting
 format
 generating
 generating in FORTRAN
 WDBBK\$
 macro call

EDT Editor 9-5
 EDT Editor 9-5
 EDT Editor 9-6
 EDT Editor 9-12
 EDT Editor 9-17
 I/O Drivers 2-5, 3-4
 I/O Drivers 2-5, 3-4

Command Language 5-6

ODT 2-11, 6-3
 ODT 2-6, 5-3
 Error Logging 3-7, 3-28
 Executive 5-36
 Executive 5-36

System Management 4-64
 MCR Operations 4-55
 MCR Operations 4-55
 MCR Operations 4-55

Executive 5-223

Executive 5-221

Executive 5-225

Batch and Queue 3-14
 MCR Operations 3-129
 RMS-11 Macros 5-126
 RMS-11 Macros D-4
 RMS-11 Introduction 4-4
 RMS-11 User's Guide 1-15
 RMS-11 Macros 4-14
 RMS-11 Macros 4-9
 RMS-11 Macros 5-126
 I/O Operations 3-35 to 3-36

I/O Operations 3-36
 I/O Operations 3-36 to 3-37

System Management 12-40

MCR Operations 3-162

RMS-11 Macros 6-94
 RMS-11 Macros 5-87
 RMS-11 Macros 5-116, 5-118
 RMS-11 Macros 6-106

MCR Operations 3-215
 System Management 10-65

Utilities 6-9

Utilities 11-8
 Executive 3-15, 3-17, 3-19
 Executive 3-20
 Executive 3-15 to 3-16
 Executive 3-17 to 3-18
 Executive 3-19
 Executive 3-18
 Executive 3-18

MASTER INDEX

WDBBK\$ (Cont.)
 macro expansion
 WDBDF\$
 .WDFDR
 .WDFFP
 .WDFUI
 WDI field in NAM block
 offset
 PARSE operation
 SEARCH operation
 summary
 \$WDONUM
 predefined syntax element in
 MML
 /WF switch
 RMSCNV utility
 \$WFIL
 predefined syntax element in
 MML
 \$WFILE
 predefined syntax element in
 MML
 WHILE/UNTIL/DO statement
 WHOLE
 range specification
 /WI switch
 WIDE argument
 Width of text
 limiting
 Width switch
 Wildcard

 asterisk

 directory context
 See WDI field in NAM block
 DISPLAY command
 CON
 file context
 See WCC field in NAM block
 file specification
 BRU utility
 FLX utility
 PIP utility
 loops
 operation
 See NB\$WCH mask in FNB field
 percent sign
 Wildcard loop
 Wildcard operations
 effects of N.STAT
 .FIND
 Wildcarding
 new RMS feature
 /WIN keyword
 HOME command
 INI command
 MOUNT command
 Window

 block
 creating a
 for a region
 in overlay

 Executive 3-18
 Executive 3-18
 I/O Operations 4-3
 I/O Operations 4-5
 I/O Operations 4-4

 RMS-11 Macros 6-94
 RMS-11 Macros 5-87
 RMS-11 Macros 5-116, 5-118
 RMS-11 Macros 6-107

 System Management 12-40

 RMS-11 Utilities 4-14

 System Management 12-41

 System Management 12-41
 Error Logging 5-35

 EDT Editor 6-10
 Task Builder 10-51
 PDP-11 MACRO-11 8-11 to 8-12

 EDT Editor 5-49
 Error Logging 3-7, 3-28
 Introduction 3-1 to 3-5, 3-8,
 3-10 to 3-11, Gloss-36
 Command Language 3-16, 4-6 to 4-8
 MCR Operations 2-6
 RMS-11 Introduction 4-1
 Introduction 3-2
 MCR Operations 2-6

 System Management 15-10

 RMS-11 User's Guide A-2 to A-3
 Utilities 7-7
 Utilities 4-3
 Utilities 3-7
 RMS-11 User's Guide A-4

 Introduction 3-4
 RMS-11 Macros 3-8
 I/O Operations 4-14
 I/O Operations 4-13
 I/O Operations 4-13

 Release Notes 2-5

 MCR Operations 3-76
 MCR Operations 3-86
 MCR Operations 3-130
 Task Builder 2-20 to 2-22
 RMS-11 User's Guide 8-11
 Task Builder 2-20 to 2-22
 Task Builder 5-14
 Task Builder 5-14
 Task Builder 3-49

MASTER INDEX

Window (Cont.)
 definition block
 descriptor
 in overlay
 for region and linking task
 identification number
 in I- and D-space task
 option
 region
 turning
 areas
 contiguity
 FillACP size
 optimizations
 window size
 virtual address
 wrap around
 in virtual sections
 Window block
 composite arrangement
 Window Definition Block
 5-59,
 See also WDB
 Window ID
 Window status word
 /WINDOWS qualifier
 BRU utility
 WK:
 pseudo device
 /WLT switch
 FMT utility
 \$\$WNDS
 reserved PSECT name
 WNDWS option
 \$WONUM
 predefined syntax element in
 MML
 Word
 memory
 .WORD directive
 implicit
 WORD function
 Word location
 displaying
 opening
 Word mode
 operator
 ASCII
 octal
 Radix-50
 Word wrap
 setting
 Work file
 accesses
 system overhead
 assembler
 parameters for
 performance
 changing device to improve
 World group
 /WRAP keyword
 SET command
 VMR
 Wrap-around option
 Executive 3-15
 Task Builder 2-22
 Task Builder B-20 to B-21
 Task Builder 3-20
 Task Builder 5-15
 Executive 3-4
 Task Builder 7-5
 Task Builder 11-41
 Task Builder 5-25
 RMS-11 User's Guide 8-11
 RMS-11 User's Guide 8-13
 RMS-11 User's Guide 8-12
 RMS-11 User's Guide 8-13
 RMS-11 User's Guide 8-12
 RMS-11 User's Guide 8-12
 Executive 3-3 to 3-4
 Task Builder 5-54
 Executive 5-36
 Writing I/O Driver 2-14
 Executive 5-36 to 5-39, 5-58 to
 5-87, 5-101, 5-189
 Executive 5-36
 Executive 5-36, 5-101
 Utilities 7-22
 Command Language 5-6
 Utilities 5-9
 Task Builder E-4
 Task Builder 11-41
 System Management 12-40
 RMS-11 Introduction 2-1
 Introduction 5-6, Gloss-36
 PDP-11 MACRO-11 6-24 to 6-25
 PDP-11 MACRO-11 2-1, 2-4, 6-25
 EDT Editor 2-12, 5-17
 ODT 4-2 to 4-6
 ODT 4-2 to 4-6
 ODT 2-7, 4-6
 ODT 2-7, 4-2 to 4-3
 ODT 2-7
 EDT Editor 5-50
 Task Builder F-2, F-5 to F-7
 PDP-11 MACRO-11 F-1
 Task Builder F-2
 Task Builder F-5
 MCR Operations 2-3
 MCR Operations 3-216
 System Management 10-65
 MCR Operations 3-216
 System Management 10-65

MASTER INDEX

- Wrapping
 - line
 - EDT editor
 - Writable-block context
 - Write
 - access
 - break-through
 - checking
 - specifying
 - Write checking
 - specifying
 - WRITE command
 - EDI editor
 - WRITE GROUP statement
 - /WRITE keyword
 - MOUNT command
 - Write lock
 - write-back cache data
 - handling in RCT
 - Write logical record
 - random mode
 - sequential mode
 - \$WRITE macro
 - sequential access
 - VCN access
 - WRITE operation
 - access modes
 - and shared access
 - \$WRITE macro
 - sequential access
 - VCN access
 - WRITE statement
 - Write virtual block
 - WRITE\$
 - FDB
 - WRITE\$ macro call
 - format
 - parameters
 - Write-behind multiple buffering
 - Write-check
 - enabling in IOX
 - WRITECHECK command
 - IOX
 - \$WRMPG (Write marked page)
 - \$WRPAG (Write page)
 - WS.MAP
 - WS.SIS
 - WS.UDS
 - WSIG\$\$
 - WTLO\$
 - WTSE\$
 - \$WUIC
 - predefined syntax element in
 - MML
- X**
- X command
 - ODT
 - ZAP utility
 - X register
 - x symbol
 - X\$-family macro
 - declaring
 - ALL block
 - Introduction 2-16
 - RMS-11 Macros 4-12
 - Introduction Gloss-36
 - MCR Operations 2-3
 - I/O Drivers 2-22
 - MCR Operations 3-215
 - System Management 10-65
 - EDT Editor 2-36, 7-22
 - Utilities 2-49
 - Error Logging 5-31
 - MCR Operations 3-130
 - System Management 5-5
 - I/O Operations 3-28
 - I/O Operations 3-30
 - RMS-11 Macros 5-127
 - RMS-11 Macros 5-129
 - RMS-11 Introduction 4-7
 - RMS-11 Macros 4-14
 - RMS-11 Introduction 4-7
 - RMS-11 User's Guide 2-6
 - RMS-11 Macros 5-127
 - RMS-11 Macros 5-129
 - Error Logging 4-30, 5-31
 - I/O Operations 3-34
 - I/O Operations 3-34
 - I/O Operations 3-35
 - I/O Operations 3-34 to 3-35
 - I/O Operations 3-35
 - I/O Operations 2-19
 - System Management 4-65
 - System Management 4-65
 - System Library 8-28
 - System Library 8-14
 - Executive 5-36
 - Executive 5-36
 - Executive 5-36
 - Executive 5-221
 - Executive 5-223
 - Executive 5-225
 - I/O Drivers 1-24
 - System Management 12-42
 - ODT 1-4, 2-11
 - Program Development 5-8
 - Utilities 15-16
 - ODT 2-6, 5-3, 5-7
 - ODT 2-1
 - RMS-11 Macros 2-9
 - RMS-11 Macros C-3

MASTER INDEX

X\$-family macro	
declaring (Cont.)	
DAT block	RMS-11 Macros C-3
KEY block	RMS-11 Macros C-3
PRO block	RMS-11 Macros C-3
SUM block	RMS-11 Macros C-3
XAB	
See also ALL block	
See also DAT block	
See also KEY block	
See also PRO block	
See also SUM block	
chaining to FAB	RMS-11 Macros 2-12
XAB field in FAB	
chaining XABs to FAB	RMS-11 Macros 2-12
CLOSE operation	RMS-11 Macros 5-3
CREATE operation	RMS-11 Macros 5-9
DISPLAY operation	RMS-11 Macros 5-29
ENTER operation	RMS-11 Macros 5-35
ERASE operation	RMS-11 Macros 5-40
EXTEND operation	RMS-11 Macros 5-46
offset	RMS-11 Macros 6-24
OPEN operation	RMS-11 Macros 5-73
PARSE operation	RMS-11 Macros 5-86
REMOVE operation	RMS-11 Macros 5-102
RENAME operation	RMS-11 Macros 5-108
SEARCH operation	RMS-11 Macros 5-116
summary	RMS-11 Macros 6-66
XAB\$B macro	RMS-11 Macros 2-8, C-3
XAB\$BT macro	RMS-11 Macros C-4
XAB\$E macro	RMS-11 Macros 2-9
declaring	RMS-11 Macros C-3
XABOF\$ macro	RMS-11 Macros C-4
XB\$-family symbol	
declaring	
ALL block	RMS-11 Macros C-3 to C-4
DAT block	RMS-11 Macros C-3 to C-4
KEY block	RMS-11 Macros C-3 to C-4
PRO block	RMS-11 Macros C-3 to C-4
SUM block	RMS-11 Macros C-3 to C-4
XAB	RMS-11 Macros C-4
XB\$ALL code in COD field	RMS-11 Macros 2-8
summary	RMS-11 Macros 6-10
value	RMS-11 Macros 6-2
XB\$BN2 code in DTP field	
CREATE operation	RMS-11 Macros 5-18
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
value	RMS-11 Macros 6-67
XB\$BN4 code in DTP field	
CREATE operation	RMS-11 Macros 5-18
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
value	RMS-11 Macros 6-67
XB\$CHG mask in FLG field	
CREATE operation	RMS-11 Macros 5-19
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
summary	RMS-11 Macros 6-76
value	RMS-11 Macros 6-67
XB\$CTG mask in AOP field	
CREATE operation	RMS-11 Macros 5-18
EXTEND operation	RMS-11 Macros 5-47
OPEN operation	RMS-11 Macros 5-79
RSTS/E	RMS-11 Macros D-4
summary	RMS-11 Macros 6-6
value	RMS-11 Macros 6-2

MASTER INDEX

XB\$CYL mask in ALN field	
RSTS/E	RMS-11 Macros D-3 to D-4
XB\$DAT code in COD field	RMS-11 Macros 2-8
summary	RMS-11 Macros 6-17
value	RMS-11 Macros 6-14
XB\$DTL code in BLN field	
summary	RMS-11 Macros 6-15
value	RMS-11 Macros 6-14
XB\$DUP mask in FLG field	
CREATE operation	RMS-11 Macros 5-19
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
summary	RMS-11 Macros 6-77
value	RMS-11 Macros 6-67
XB\$HRD mask in AOP field	
CREATE operation	RMS-11 Macros 5-17
EXTEND operation	RMS-11 Macros 5-47
of ALL block	
RSX-11	RMS-11 Macros D-4
OPEN operation	RMS-11 Macros 5-79
RSTS/E	RMS-11 Macros D-4
summary	RMS-11 Macros 6-7
value	RMS-11 Macros 6-2
XB\$IN2 code in DTP field	
CREATE operation	RMS-11 Macros 5-18
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
value	RMS-11 Macros 6-67
XB\$IN4 code in DTP field	
CREATE operation	RMS-11 Macros 5-18
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
value	RMS-11 Macros 6-67
XB\$INI mask in FLG field	
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
value	RMS-11 Macros 6-67
XB\$KEY code in COD field	RMS-11 Macros 2-8
summary	RMS-11 Macros 6-70
value	RMS-11 Macros 6-67
XB\$KYL code in BLN field	
summary	RMS-11 Macros 6-69
value	RMS-11 Macros 6-67
XB\$LAL code in BLN field	
summary	RMS-11 Macros 6-9
value	RMS-11 Macros 6-2
XB\$LBN mask in ALN field	
CREATE operation	RMS-11 Macros 5-17
EXTEND operation	RMS-11 Macros 5-47
RSTS/E	RMS-11 Macros D-3 to D-4
value	RMS-11 Macros 6-2
XB\$NUL mask in FLG field	
CREATE operation	RMS-11 Macros 5-19
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
summary	RMS-11 Macros 6-78
value	RMS-11 Macros 6-67
XB\$PAC code in DTP field	
CREATE operation	RMS-11 Macros 5-18
DISPLAY operation	RMS-11 Macros 5-31
OPEN operation	RMS-11 Macros 5-80
value	RMS-11 Macros 6-67
XB\$PRL code in BLN field	
summary	RMS-11 Macros 6-109
value	RMS-11 Macros 6-108
XB\$PRO code in COD field	RMS-11 Macros 2-8
summary	RMS-11 Macros 6-110

MASTER INDEX

XB\$PRO code in COD field (Cont.)
value

XB\$SML code in BLN field
summary
value

XB\$STG code in DTP field
CREATE operation
DISPLAY operation
OPEN operation
value

XB\$SUM code in COD field
summary
value

XB\$VBN mask in ALN field
CREATE operation
EXTEND operation
RSTS/E
value

XBAOF\$ macro

XBDOF\$ macro

XBKOF\$ macro

XBPOF\$ macro

XBSOF\$ macro

XDT

See also Executive Debugging
Tool

commands
debugging
driver

general operation
restrictions
startup
SYSGEN question
using

/XH switch

/XHR keyword

INSTALL command
VMR

.XQIO

.XQT directive
example
format

/XT switch

xxCTB label

\$xxDCB

global label

xxDRV.MAC file

xxDRVASM.CMD file

\$xxLOA label

xxTAB.MAC file

\$xxTBE label

\$xxTBL label

\$xxUNL label

/xxx keyword

HELP command

Y

/@Y switch

FMT utility

Z

Z command

RMS-11 Macros 6-108

RMS-11 Macros 6-146

RMS-11 Macros 6-145

RMS-11 Macros 5-18

RMS-11 Macros 5-31

RMS-11 Macros 5-80

RMS-11 Macros 6-67

RMS-11 Macros 2-8

RMS-11 Macros 6-147

RMS-11 Macros 6-145

RMS-11 Macros 5-17

RMS-11 Macros 5-47

RMS-11 Macros D-3 to D-4

RMS-11 Macros 6-2

RMS-11 Macros C-4

RMS-11 Macros C-4

RMS-11 Macros C-4

RMS-11 Macros C-4

RMS-11 Macros C-4

Crash Dump Analyzer 1-2

Writing I/O Driver 6-1 to 6-3,
6-5

Writing I/O Driver 6-2

Writing I/O Driver 6-2, 6-4 to
6-5

Writing I/O Driver 6-4

Writing I/O Driver 6-3

Writing I/O Driver 6-2

System Generation 3-28

MCR Operations 3-26

Task Builder 10-52

MCR Operations 3-100

System Management 10-25

I/O Operations 4-20

MCR Operations 4-55

MCR Operations 4-56

MCR Operations 4-56

Task Builder 10-53

Writing I/O Driver 4-60

Writing I/O Driver 4-3

Writing I/O Driver 5-2

Writing I/O Driver 5-3

Writing I/O Driver 4-9, 4-61

Writing I/O Driver 1-18, 5-2

Writing I/O Driver 4-60

Writing I/O Driver 4-60

Writing I/O Driver 4-9, 4-61

MCR Operations 3-68

Utilities 5-9

ODT 2-11

MASTER INDEX

Z error	PDP-11 MACRO-11 5-4
summary	PDP-11 MACRO-11 D-5
ZAP utility	
address boundary	
displaying	Utilities 15-3
addressing mode	Utilities 15-4
command	
carriage return	Utilities 15-7
general purpose	Utilities 15-7
summary	Utilities 15-15
open/close location	Utilities 15-7
summary	Utilities 15-11
command line	Utilities 15-6
element	Utilities 15-8
error message	Utilities 15-23
example	Utilities 15-18
indirect command file	Utilities 15-6
initiating (invoking)	Utilities 15-5
location	
addressing	Utilities 15-4
closing	Utilities 15-13
contents	
changing	Utilities 15-13
displaying	Utilities 15-12
verifying	Utilities 15-18
opening	Utilities 15-12
specifying	Utilities 15-10
ODT on-line debugger	Utilities 15-1
operating mode	Utilities 15-2
register	
setting value	Utilities 15-18
relocation biases	Utilities 15-4
switch	Utilities 15-2
task image file	Utilities 15-3
I- and D-space	Utilities 15-3
multiuser	Utilities 15-3
resident library	Utilities 15-3
terminating	Utilities 15-5
/ZE switch	
FLX utility	Utilities 4-8
Zero byte, appending to character string	PDP-11 MACRO-11 6-28